

APPENDIX II

PROGRAM LISTING AND OUTPUT
OF
TWINKLE, TWINKLE, LITTLE STAR

PROGRAM NAME : TWIN0.BAS
RHYME : "TWINKLE,TWINKLE, LITTLE STAR"
MODE : MODE MENU

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10 CLS:KEY OFF:SCREEN 2
20 PI=22/7
30 LINE (0,0)-(639,199),,B
40 LINE (5,5)-(634,194),,B
50 'LINE (80,18)-(620,44),,BF
60 CIRCLE (100,22),3
70 PAINT (100,22)
80 DIM A (100)
90 GET (95,20)-(105,24),A
100 DIM X(200),Y(200)
110 DIM P (900)
120 FOR I = 1 TO 35
130 PUT (95+I,20),A
140 NEXT I
150 FOR I = 1 TO 15
160 PUT (113,21+I),A
170 NEXT I
180 FOR I = 1 TO 10000
190 NEXT I
200 FOR I = 1 TO 17
210 PUT (145,19+I),A
220 NEXT I
230 FOR I = 1 TO 9
240 PUT (149+I,36-I),A
250 NEXT I
260 FOR I = 1 TO 9
270 PUT (158+I,27+I),A
280 NEXT I
290 FOR I = 1 TO 17
300 PUT (173,19+I),A
310 NEXT I
320 FOR I = 1 TO 10000
330 NEXT I
340 FOR I = 1 TO 17
350 PUT (185,19+I),A
360 NEXT I
370 FOR I = 1 TO 10000
380 NEXT I
390 FOR I = 1 TO 17
400 PUT (200,19+I),A
410 PUT (204+I,19+I),A
420 NEXT I
430 FOR I = 1 TO 17
440 PUT (224,19+I),A
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450 NEXT I
460 FOR I = 1 TO 10000
470 NEXT I
480 FOR I = 1 TO 17
490 PUT (237,19+I),A
500 NEXT I
510 FOR I = 1 TO 14
520 PUT (239+I,25+I),A
530 NEXT I
540 FOR I = 1 TO 8
550 PUT (243+I,28-I),A
560 NEXT I
570 FOR I = 1 TO 10000
580 NEXT I
590 FOR I = 1 TO 17
600 PUT (263,19+I),A
610 NEXT I
620 FOR I = 1 TO 25
630 PUT (263+I,36),A
640 NEXT I
650 FOR I = 1 TO 10000
660 NEXT I
670 FOR I = 1 TO 17
680 PUT (300,19+I),A
690 NEXT I
700 FOR I = 1 TO 25
710 PUT (302+I,20),A
720 NEXT I
730 FOR I = 1 TO 15
740 PUT (302+I,28),A
750 NEXT I
760 FOR I = 1 TO 25
770 PUT (302+I,36),A
780 NEXT I
790 FOR I = 1 TO 10000
800 NEXT I
810 DIM B (192)
820 GET (95,20)-(340,43),B
830 PUT (360,20),B
840 FOR I = 1 TO 10000
850 NEXT I
860 LINE (220,50)-(500,85),2,BF
870 DIM T (50),W(50),I(50), N(50),K(50),L(50),E(50),S(500),R(400) 880 GET (95,20)-
(140,40),T
890 GET (144,20)-(182,40),W
900 GET (185,20)-(195,40),I
910 GET (200,20)-(235,40),N
920 GET (238,20)-(262,43),K
930 GET (265,20)-(298,40),L
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940 GET (300,20)-(340,40),E
950 PUT (230,60),L
960 FOR I = 1 TO 10000
970 NEXT I
980 PUT (270,60),I
990 FOR I = 1 TO 10000
1000 NEXT I
1010 PUT (285,60),T
1020 FOR I = 1 TO 10000
1030 NEXT I
1040 PUT (335,60),T
1050 FOR I = 1 TO 10000
1060 NEXT I
1070 PUT (390,60),L
1080 FOR I = 1 TO 10000
1090 NEXT I
1100 PUT (430,60),E
1110 FOR I = 1 TO 10000
1120 NEXT I
1130 GET (220,57)-(475,82),R
1140 FOR I = 1 TO 2
1150 CIRCLE (270,100+I),20,,PI*1/10,PI*14/10, 3 1160 NEXT I
1170 FOR I = 1 TO 2
1180 CIRCLE (270,111+I),20,,PI*10/10,PI*6/10,.3 1190 NEXT I
1200 FOR I = 1 TO 10000
1210 NEXT I
1220 PUT (300,100),T
1230 FOR I = 1 TO 17
1240 PUT (350+I,117-I),A
1250 NEXT I
1260 FOR I = 1 TO 17
1270 PUT (365+I,100+I),A
1280 NEXT I
1290 FOR I = 1 TO 12
1300 PUT(360+I,110),A
1310 NEXT I
1320 FOR I = 1 TO 10000
1330 NEXT I
1340 FOR I = 1 TO 17
1350 PUT(400,100+I),A
1360 NEXT I
1370 FOR I = 1 TO 4
1380 CIRCLE (408+I,107),13,,PI*15/10,PI*5/10,.4 1390 NEXT I
1400 FOR I = 1 TO 15
1410 PUT (410+I,110+I),A
1420 NEXT I
1430 'LINE (100,80)-(240,130),0,BF
1440 GET (250,90)-(450,120),S
1450 FOR I = 1 TO 300
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1460 'PUT (400-I,90),S
1470 NEXT I
1480 FOR I = 1 TO 115
1490 LINE (80,15)-(620,17+I),0,BF
1500 NEXT I
1501 FOR I= 1 TO 50000I
1502 NEXT I
1510 FOR I= 1 TO 120
1520 LINE (40,18)-(590,44+I),,BF
1530 NEXT I
1540 PUT (60,20),B
1550 FOR I= 1 TO 500
1560 NEXT I
1570 PUT (330,20),B
1580 PUT (325,100),S
1590 PUT (300,60),R
1600 FOR I= 1 TO 10000
1610 NEXT I
1620 FOR I= 1 TO 115
1630 LINE (44+I,20)-(586-I,44+I),0,BF
1640 NEXT I
1650 FOR I= 1 TO 5000I
1660 NEXT I
1661 LOCATE 2,22:PRINT ""TWINKLE, TWINKLE, LITTLE STAR""
1662 LOCATE 4,25:PRINT "THANK YOU FOR USING ME..."
1663 LOCATE 6,25:PRINT "Which mode you want ....?"
1664 LOCATE 7,25:PRINT "Just typed bracked letters/letter ...=>"
1665 LOCATE 9,15:PRINT "(GTMR) for => Graphics Text Music Recitation"
1666 LOCATE 11,18:PRINT "(GTM) for => Graphics Text Music"
1667 LOCATE 13,21:PRINT "(GT) for => Graphics Text"
1668 LOCATE 15,24:PRINT "(TM) for => Text Music"
1669 LOCATE 17,26:PRINT "(T) for => Text"
1670 LOCATE 19,26:PRINT "(M) for => Return to Openning Menu"
1671 LOCATE 7,64:INPUT MODE$
1672 IF MODE$= "GTMR" OR MODE$= "gtmr" THEN CHAIN"twin4"
1673 IF MODE$= "GTM" OR MODE$= "gtm" THEN CHAIN"twin4"
1674 IF MODE$= "GT" OR MODE$= "gt" THEN CHAIN"twin3"
1675 IF MODE$= "TM" OR MODE$= "tm" THEN CHAIN"twin2"
1676 IF MODE$= "T" OR MODE$= "t" THEN CHAIN"twin1"
1677 IF MODE$= "M" OR MODE$= "m" THEN CHAIN"open1"
1678 LOCATE 23,15:PRINT "Please type correctly the specified mode"
1679 FOR I= 1 TO 50000I
1680 NEXT I
1681 LOCATE 7,25:PRINT "Just typed bracked letters/letter  =>  "
1682 LOCATE 23,15:PRINT " "
1683 GOTO 1671
1684 END

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PROGRAM NAME : TWIN1.BAS

RHYME : "TWINKLE, TWINKLE, LITTLE"

MODE : TEXT

10 CLS:KEY OFF:SCREEN 2

20 PI=22/7

30 DIM P (700)

40 LINE (0,0)-(639,199),,B

50 LINE (5,5)-(634,194),,B

60 LINE (80,18)-(620,44),,BF

70 CIRCLE (100,22),3

80 PAINT (100,22)

90 DIM A (100)

100 GET (95,20)-(105,24),A

110 FOR I = 1 TO 35

120 PUT (95+I,20),A

130 NEXT I

140 FOR I = 1 TO 15

150 PUT (113,21+I),A

160 NEXT I

170 FOR I = 1 TO 10000

180 NEXT I

190 FOR I = 1 TO 17

200 PUT (145,19+I),A

210 NEXT I

220 FOR I = 1 TO 9

230 PUT (149+I,36-I),A

240 NEXT I

250 FOR I = 1 TO 9

260 PUT (158+I,27+I),A

270 NEXT I

280 FOR I = 1 TO 17

290 PUT (173,19+I),A

300 NEXT I

310 FOR I = 1 TO 10000

320 NEXT I

330 FOR I = 1 TO 17

340 PUT (185,19+I),A

350 NEXT I

360 FOR I = 1 TO 10000

370 NEXT I

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380 FOR I = 1 TO 17
390 PUT (200,19+I),A
400 PUT (204+I,19+I),A
410 NEXT I
420 FOR I = 1 TO 17
430 PUT (224,19+I),A
440 NEXT I
450 FOR I = 1 TO 10000
460 NEXT I
470 FOR I = 1 TO 17
480 PUT (237,19+I),A
490 NEXT I
500 FOR I = 1 TO 14
510 PUT (239+I,25+I),A
520 NEXT I
530 FOR I = 1 TO 8
540 PUT (243+I,28-I),A
550 NEXT I
560 FOR I = 1 TO 10000
570 NEXT I
580 FOR I = 1 TO 17
590 PUT (263,19+I),A
600 NEXT I
610 FOR I = 1 TO 25
620 PUT (263+I,36),A
630 NEXT I
640 FOR I = 1 TO 10000
650 NEXT I
660 FOR I = 1 TO 17
670 PUT (300,19+I),A
680 NEXT I
690 FOR I = 1 TO 25
700 PUT (302+I,20),A
710 NEXT I
720 FOR I = 1 TO 15
730 PUT (302+I,28),A
740 NEXT I
750 FOR I = 1 TO 25
760 PUT (302+I,36),A
770 NEXT I
780 FOR I = 1 TO 10000
790 NEXT I
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800 DIM B (192)
810 GET (95,20)-(340,43),B
820 PUT (360,20),B
830 FOR I = 1 TO 10000
840 NEXT I
850 LINE (220,50)-(500,85),2,BF
860 DIM T (50),W(50),I(50), N(50),K(50),L(50),E(50),S(500),R(400)
870 GET (95,20)-(140,40),T
880 GET (144,20)-(182,40),W
890 GET (185,20)-(195,40),I
900 GET (200,20)-(235,40),N
910 GET (238,20)-(262,43),K
920 GET (265,20)-(298,40),L
930 GET (300,20)-(340,40),E
940 PUT (230,60),L
950 FOR I = 1 TO 10000
960 NEXT I
970 PUT (270,60),I
980 FOR I = 1 TO 10000
990 NEXT I
1000 PUT (285,60),T
1010 FOR I = 1 TO 10000
1020 NEXT I
1030 PUT (335,60),T
1040 FOR I = 1 TO 10000
1050 NEXT I
1060 PUT (390,60),L
1070 FOR I = 1 TO 10000
1080 NEXT I
1090 PUT (430,60),E
1100 FOR I = 1 TO 10000
1110 NEXT I
1120 GET (220,57)-(475,82),R
1130 FOR I = 1 TO 2
1140 CIRCLE (270,100+I),20,,PI*1/10,PI*14/10,3 1150 NEXT I
1160 FOR I = 1 TO 2
1170 CIRCLE (270,111+I),20,,PI*10/10,PI*6/10,3 1180 NEXT I
1190 FOR I = 1 TO 10000
1200 NEXT I
1210 PUT (300,100),T
1220 FOR I = 1 TO 17
1230 PUT (350+I,117-I),A

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1240 NEXT I
1250 FOR I = 1 TO 17
1260 PUT (365+I,100+I),A
1270 NEXT I
1280 FOR I = 1 TO 12
1290 PUT(360+I,110),A
1300 NEXT I
1310 FOR I = 1 TO 10000
1320 NEXT I
1330 FOR I = 1 TO 17
1340 PUT(400,100+I),A
1350 NEXT I
1360 FOR I = 1 TO 4
1370 CIRCLE (408+I,107),13,,PI*15/10,PI*5/10,.4 1380 NEXT I
1390 FOR I = 1 TO 15
1400 PUT (410+I,110+I),A
1410 NEXT I
1420 'LINE (100,80)-(240,130),0,BF
1430 GET (250,90)-(450,120),S
1440 FOR I = 1 TO 300
1450 'PUT (400-I,90),S
1460 NEXT I
1470 FOR I = 1 TO 115
1480 LINE (80,15)-(620,17+I),0,BF
1490 NEXT I
1500 FOR I = 1 TO 120
1510 LINE (40,18)-(590,44+I),,,BF
1520 NEXT I
1530 PUT (60,20),B
1540 FOR I = 1 TO 500
1550 NEXT I
1560 PUT (330,20),B
1570 PUT (325,100),S
1580 PUT (300,60),R
1590 FOR I = 1 TO 10000
1600 NEXT I
1610 FOR I = 1 TO 115
1620 LINE (44+I,20)-(586-I,44+I),0,BF
1630 NEXT I
1640 LOCATE 2,28:PRINT "TWINKLE,TWINKLE,LITTLE STAR"
1650 LOCATE 3,28:PRINT "~~~~~"
1660 FOR I = 1 TO 5000
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1670 NEXT I
1680 'PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
1690 'PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
1700 'PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
1710 'PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
1720 'PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
1730 'PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
1740 'PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
1750 'PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
1760 'FOR I = 1 TO 50000I
1770 'NEXT I
1780 LOCATE 22,25:PRINT "PRESS ANY KEY TO CONTINUE...."
1790 C$=INPUT$(1)
1800 LOCATE 22,25:PRINT "
1810 LOCATE 5,27:PRINT "Twinkle,"
1820 LOCATE 20,24:PRINT "
1830 LOCATE 23,15:PRINT"
1840 FOR I = 1 TO 5000
1850 NEXT I
1860 LOCATE 5,36:PRINT "twinkle,"
1870 FOR I = 1 TO 5000
1880 NEXT I
1890 LOCATE 5,45:PRINT "little"
1900 FOR I = 1 TO 5000
1910 NEXT I
1920 LOCATE 5,52:PRINT "star,"
1930 FOR I = 1 TO 5000
1940 NEXT I
1950 LOCATE 6,27:PRINT "How"
1960 FOR I = 1 TO 5000
1970 NEXT I
1980 LOCATE 6,31:PRINT "I"
1990 FOR I = 1 TO 5000
2000 NEXT I
2010 LOCATE 6,33:PRINT "wonder"
2020 FOR I = 1 TO 5000
2030 NEXT I
2040 LOCATE 6,40:PRINT "what"
2050 FOR I = 1 TO 5000
2060 NEXT I
2070 LOCATE 6,45:PRINT "you"
2080 FOR I = 1 TO 5000

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2090 NEXT I
2100 LOCATE 6,49:PRINT "are!"
2110 FOR I = 1 TO 5000
2120 NEXT I
2130 LOCATE 8,27:PRINT "Up"
2140 FOR I = 1 TO 5000
2150 NEXT I
2160 LOCATE 8,30:PRINT "above"
2170 FOR I = 1 TO 5000
2180 NEXT I
2190 LOCATE 8,36:PRINT "the"
2200 FOR I = 1 TO 5000
2210 NEXT I
2220 LOCATE 8,40:PRINT "world"
2230 FOR I = 1 TO 5000
2240 NEXT I
2250 LOCATE 8,46:PRINT "so"
2260 FOR I = 1 TO 5000
2270 NEXT I
2280 LOCATE 8,49:PRINT "high,"
2290 FOR I = 1 TO 5000
2300 NEXT I
2310 LOCATE 9,27:PRINT "Like"
2320 FOR I = 1 TO 5000
2330 NEXT I
2340 LOCATE 9,32:PRINT "a"
2350 FOR I = 1 TO 5000
2360 NEXT I
2370 LOCATE 9,34:PRINT "diamond"
2380 FOR I = 1 TO 5000
2390 NEXT I
2400 LOCATE 9,42:PRINT "in"
2410 FOR I = 1 TO 5000
2420 NEXT I
2430 LOCATE 9,45:PRINT "the"
2440 FOR I = 1 TO 5000
2450 NEXT I
2460 LOCATE 9,49:PRINT "sky!"
2470 FOR I = 1 TO 5000
2480 NEXT I
2490 LOCATE 11,27:PRINT "When"
2500 FOR I = 1 TO 5000
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2510 NEXT I
2520 LOCATE 11,32:PRINT "the"
2530 FOR I = 1 TO 5000
2540 NEXT I
2550 LOCATE 11,36:PRINT "blazing"
2560 FOR I = 1 TO 5000
2570 NEXT I
2580 LOCATE 11,44:PRINT "sun"
2590 FOR I = 1 TO 5000
2600 NEXT I
2610 LOCATE 11,48:PRINT "is"
2620 FOR I = 1 TO 5000
2630 NEXT I
2640 LOCATE 11,51:PRINT "gone,"
2650 FOR I = 1 TO 5000
2660 NEXT I
2670 LOCATE 12,27:PRINT "When"
2680 FOR I = 1 TO 5000
2690 NEXT I
2700 LOCATE 12,32:PRINT "there"
2710 FOR I = 1 TO 5000
2720 NEXT I
2730 LOCATE 12,38:PRINT "nothing"
2740 FOR I = 1 TO 5000
2750 NEXT I
2760 LOCATE 12,46:PRINT "shines"
2770 FOR I = 1 TO 5000
2780 NEXT I
2790 LOCATE 12,53:PRINT "upon."
2800 FOR I = 1 TO 5000
2810 NEXT I
2820 LOCATE 14,27:PRINT "Then"
2830 FOR I = 1 TO 5000
2840 NEXT I
2850 LOCATE 14,32:PRINT "you"
2860 FOR I = 1 TO 5000
2870 NEXT I
2880 LOCATE 14,36:PRINT "show"
2890 FOR I = 1 TO 5000
2900 NEXT I
2910 LOCATE 14,41:PRINT "your"
2920 FOR I = 1 TO 5000
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2930 NEXT I
2940 LOCATE 14,46:PRINT "little"
2950 FOR I = 1 TO 5000
2960 NEXT I
2970 LOCATE 14,53:PRINT "light,"
2980 FOR I = 1 TO 5000
2990 NEXT I
3000 LOCATE 15,27:PRINT "Twinkle,"
3010 FOR I = 1 TO 5000
3020 NEXT I
3030 LOCATE 15,36:PRINT "twinkle,"
3040 FOR I = 1 TO 5000
3050 NEXT I
3060 LOCATE 15,45:PRINT "all"
3070 FOR I = 1 TO 5000
3080 NEXT I
3090 LOCATE 15,49:PRINT "the"
3100 FOR I = 1 TO 5000
3110 NEXT I
3120 LOCATE 15,53:PRINT "night."
3130 FOR I = 1 TO 50000
3140 NEXT I
3150 FOR J = 1 TO 2
3160 GET (200,22)-(460,89-J),P
3170 FOR I = 1 TO 70
3180 PUT (200,20+I),P,PSET
3190 NEXT I
3200 FOR I = 1 TO 5000
3210 NEXT I
3220 FOR I = 1 TO 65
3230 LINE(200,150-I)-(460,157),0,BF
3240 NEXT I
3250 FOR I = 1 TO 5000
3260 NEXT I
3270 LOCATE 22,25:PRINT "PRESS ANY KEY TO CONTINUE...."
3280 CS=INPUT$(1)
3290 LOCATE 22,25:PRINT " "
3300 LOCATE 5,27:PRINT "Twinkle,twinkle,little star,"
3310 FOR I = 1 TO 50000
3320 NEXT I
3330 LOCATE 6,27:PRINT "How I wonder what you are !"
3340 FOR I = 1 TO 50000
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3350 NEXT I
3360 LOCATE 8,27:PRINT "Up above the world so high,"
3370 FOR I= 1 TO 50000!
3380 NEXT I
3390 LOCATE 9,27:PRINT "Like a dimond in the sky!"
3400 FOR I= 1 TO 50000!
3410 NEXT I
3420 LOCATE 11,27:PRINT "When the blazing sun is gone."
3430 FOR I= 1 TO 50000!
3440 NEXT I
3450 LOCATE 12,27:PRINT "When there nothing shines upon."
3460 FOR I= 1 TO 5000
3470 NEXT I
3480 LOCATE 14,27:PRINT "Then you show your little light,"
3490 FOR I= 1 TO 5000
3500 NEXT I
3510 LOCATE 15,27:PRINT "Twinkle, twinkle, all the night."
3520 FOR I = 1 TO 150
3530 LINE(195,30)-(200+I,120),0,BF
3540 LINE(455,30)-(465-I,120),0,BF
3550 NEXT I
3560 LOCATE 15,35:PRINT "READ AGAIN"
3570 LOCATE 17,35:PRINT "THANK YOU"
3580 CNT=CN+1
3590 LOCATE 20,24:PRINT "NUMBER OF PRACTICE....."CNT
3600 IF CNT=1 THEN GOTO 3630
3610 LOCATE 23,15:INPUT"WRITE YOUR NAME TO DO AGAIN...",NAMS$
3620 IF NAMS$=NAMS$ THEN GOTO 1810
3630 FOR I= 1 TO 5000
3640 NEXT I
3650 LOCATE 22,6:PRINT "PRESS....      A FOR => TO DO AGAIN.."
3660 LOCATE 23,10:PRINT "M FOR => MODE MENU & O FOR => OPENNING MENU..."
3670 NEXT I
3680 LOCATE 23,68:INPUT MODE$
3690 IF MODE$= "M" OR MODE$="m" THEN CHAIN"TWINO"
3700 IF MODE$= "O" OR MODE$="o" THEN CHAIN"OPEN1"
3710 IF MODE$= "A" OR MODE$="a" THEN GOTO 3800
3720 FOR I = 1 TO 50000!
3730 NEXT I
3740 LOCATE 10,20:PRINT "PLEASE TYPE CORRECTLY ...."
3750 FOR I= 1 TO 50000!
3760 NEXT I

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3770 LOCATE 10,20:PRINT "  
3780 LOCATE 23,65:PRINT "  
3790 LOCATE 23,10:PRINT "  
3800 LOCATE 22,6:PRINT "  
3810 LOCATE 23,6:PRINT "  
3820 LOCATE 10,20:PRINT "  
3830 GOTO 3660  
3840 END
```

"

"GOTO 3660

"

"

"GOTO 1810

PROGRAM NAME : TWIN2.BAS
RHYME : "TWINKLE, TWINKLE, LITTLE STAR"
MODE : TEXT MUSIC

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10 CLS:KEY OFF:SCREEN 2
20 PI=22/7
30 DIM P (700)
40 LINE (0,0)-(639,199),,B
50 LINE (5,5)-(634,194),,B
60 'LINE (80,18)-(620,44),,BF
70 CIRCLE (100,22),3
80 PAINT (100,22)
90 PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
100 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
110 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0" 1
120 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
130 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
140 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
150 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
160 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
170 DIM A (100)
180 GET (95,20)-(105,24),A
190 FOR I = 1 TO 35
200 PUT (95+I,20),A
210 NEXT I
220 FOR I = 1 TO 15
230 PUT (113,21+I),A
240 NEXT I
250 FOR I = 1 TO 10000
260 NEXT I
270 FOR I = 1 TO 17
280 PUT (145,19+I),A
290 NEXT I
300 FOR I = 1 TO 9
310 PUT (149+I,36-I),A
320 NEXT I
330 FOR I = 1 TO 9
340 PUT (158+I,27+I),A
350 NEXT I
360 FOR I = 1 TO 17
370 PUT (173,19+I),A
380 NEXT I

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```
390 FOR I = 1 TO 10000
400 NEXT I
410 FOR I = 1 TO 17
420 PUT (185,19+I),A
430 NEXT I
440 FOR I = 1 TO 10000
450 NEXT I
460 FOR I = 1 TO 17
470 PUT (200,19+I),A
480 PUT (204+I,19+I),A
490 NEXT I
500 FOR I = 1 TO 17
510 PUT (224,19+I),A
520 NEXT I
530 FOR I = 1 TO 10000
540 NEXT I
550 FOR I = 1 TO 17
560 PUT (237,19+I),A
570 NEXT I
580 FOR I = 1 TO 14
590 PUT (239+I,25+I),A
600 NEXT I
610 FOR I = 1 TO 8
620 PUT (243+I,28-I),A
630 NEXT I
640 FOR I = 1 TO 10000
650 NEXT I
660 FOR I = 1 TO 17
670 PUT (263,19+I),A
680 NEXT I
690 FOR I = 1 TO 25
700 PUT (263+I,36),A
710 NEXT I
720 FOR I = 1 TO 10000
730 NEXT I
740 FOR I = 1 TO 17
750 PUT (300,19+I),A
760 NEXT I
770 FOR I = 1 TO 25
780 PUT (302+I,20),A
790 NEXT I
800 FOR I = 1 TO 15
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810 PUT (302+I,28),A
820 NEXT I
830 FOR I = 1 TO 25
840 PUT (302+I,36),A
850 NEXT I
860 FOR I = 1 TO 10000
870 NEXT I
880 DIM B (192)
890 GET (95,20)-(340,43),B
900 PUT (360,20),B
910 FOR I = 1 TO 10000
920 NEXT I
930 LINE (220,50)-(500,85),2,BF
940 DIM T (50),W(50),I(50), N(50),K(50),L(50),E(50),S(500),R(400)
950 GET (95,20)-(140,40),T
960 GET (144,20)-(182,40),W
970 GET (185,20)-(195,40),I
980 GET (200,20)-(235,40),N
990 GET (238,20)-(262,43),K
1000 GET (265,20)-(298,40),L
1010 GET (300,20)-(340,40),E
1020 PUT (230,60),L
1030 FOR I = 1 TO 10000
1040 NEXT I
1050 PUT (270,60),I
1060 FOR I = 1 TO 10000
1070 NEXT I
1080 PUT (285,60),T
1090 FOR I = 1 TO 10000
1100 NEXT I
1110 PUT (335,60),T
1120 FOR I = 1 TO 10000
1130 NEXT I
1140 PUT (390,60),L
1150 FOR I = 1 TO 10000
1160 NEXT I
1170 PUT (430,60),E
1180 FOR I = 1 TO 10000
1190 NEXT I
1200 GET (220,57)-(475,82),R
1210 FOR I = 1 TO 2
1220 CIRCLE (270,100+I),20,,PI*1/10,PI*14/10,.3
1230 NEXT I
```

```
1240 FOR I = 1 TO 2
1250 CIRCLE (270,111+I),20,,PI*10/10,PI*6/10,.3 1260 NEXT I
1270 FOR I = 1 TO 10000
1280 NEXT I
1290 PUT (300,100),T
1300 FOR I = 1 TO 17
1310 PUT (350+I,117-I),A
1320 NEXT I
1330 FOR I = 1 TO 17
1340 PUT (365+I,100+I),A
1350 NEXT I
1360 FOR I = 1 TO 12
1370 PUT(360+I,110),A
1380 NEXT I
1390 FOR I = 1 TO 10000
1400 NEXT I
1410 FOR I = 1 TO 17
1420 PUT(400,100+I),A
1430 NEXT I
1440 FOR J = 1 TO 4
1450 CIRCLE (408+I,107),13,,PI*15/10,PI*5/10,.4
1460 NEXT I
1470 FOR I = 1 TO 15
1480 PUT (410+I,110+I),A
1490 NEXT I
1500 'LINE (100,80)-(240,130),0,BF
1510 GET (250,90)-(450,120),S
1520 FOR I = 1 TO 300
1530 'PUT (400-I,90),S
1540 NEXT I
1550 FOR I = 1 TO 115
1560 LINE (80,15)-(620,17+I),0,BF
1570 NEXT I
1580 FOR I= 1 TO 120
1590 LINE (40,18)-(590,44+I),,,BF
1600 NEXT I
1610 PUT (60,20),B
1620 FOR I= 1 TO 500
1630 NEXT I
1640 PUT (330,20),B
1650 PUT (325,100),S
1660 PUT (300,60),R
```

```

1670 FOR I= 1 TO 100000!
1680 NEXT I
1690 FOR I= 1 TO 115
1700 LINE (44+I,20)-(586-I,44+I),0,BF
1710 NEXT I
1720 LOCATE 2,28:PRINT "TWINKLE.TWINKLE.LITTLE STAR"
1730 LOCATE 3,28:PRINT "~~~~~"
1740 FOR I = 1 TO 5000
1750 NEXT I
1760 "PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
1770 "PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
1780 "PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
1790 "PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
1800 FOR I = 1 TO 50000!
1810 NEXT I
1820 LOCATE 22,25:PRINT "PRESS ANY KEY TO CONTINUE...."
1830 C$=INPUT$(1)
1840 LOCATE 22,25:PRINT " "
1850 LOCATE 5,27:PRINT "Twinkle,"
1860 LOCATE 20,24:PRINT " "
1870 LOCATE 23,15:PRINT " "
1880 FOR I = 1 TO 50000!
1890 NEXT I
1900 LOCATE 5,36:PRINT "twinkle."
1910 FOR I = 1 TO 50000!
1920 NEXT I
1930 LOCATE 5,45:PRINT "little"
1940 FOR I = 1 TO 50000!
1950 NEXT I
1960 LOCATE 5,52:PRINT "star."
1970 "PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
1980 FOR I = 1 TO 50000!
1990 NEXT I
2000 LOCATE 6,27:PRINT "How"
2010 FOR I = 1 TO 50000!
2020 NEXT I
2030 LOCATE 6,31:PRINT "I"
2040 FOR I = 1 TO 50000!
2050 NEXT I
2060 LOCATE 6,33:PRINT "wonder"
2070 FOR I = 1 TO 50000!
2080 NEXT I

```

```
2090 LOCATE 6,40:PRINT "what"
2100 FOR I = 1 TO 50000!
2110 NEXT I
2120 LOCATE 6,45:PRINT "you"
2130 FOR I = 1 TO 50000!
2140 NEXT I
2150 LOCATE 6,49:PRINT "are!"
2160 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
2170 FOR I = 1 TO 50000!
2180 NEXT I
2190 LOCATE 8,27:PRINT "Up"
2200 FOR I = 1 TO 50000!
2210 NEXT I
2220 LOCATE 8,30:PRINT "above"
2230 FOR I = 1 TO 50000!
2240 NEXT I
2250 LOCATE 8,36:PRINT "the"
2260 FOR I = 1 TO 50000!
2270 NEXT I
2280 LOCATE 8,40:PRINT "world"
2290 FOR I = 1 TO 50000!
2300 NEXT I
2310 LOCATE 8,46:PRINT "so"
2320 FOR I = 1 TO 50000!
2330 NEXT I
2340 LOCATE 8,49:PRINT "high,"
2350 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
2360 FOR I = 1 TO 50000!
2370 NEXT I
2380 LOCATE 9,27:PRINT "Like"
2390 FOR I = 1 TO 50000!
2400 NEXT I
2410 LOCATE 9,32:PRINT "a"
2420 FOR I = 1 TO 50000!
2430 NEXT I
2440 LOCATE 9,34:PRINT "diamond"
2450 FOR I = 1 TO 50000!
2460 NEXT I
2470 LOCATE 9,42:PRINT "in"
2480 FOR I = 1 TO 50000!
2490 NEXT I
2500 LOCATE 9,45:PRINT "the"
```

```
2510 FOR I = 1 TO 50000!  
2520 NEXT I  
2530 LOCATE 9,49:PRINT "sky!"  
2540 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"  
2550 FOR I = 1 TO 50000!  
2560 NEXT I  
2570 LOCATE 11,27:PRINT "When"  
2580 FOR I = 1 TO 50000!  
2590 NEXT I  
2600 LOCATE 11,32:PRINT "the"  
2610 FOR I = 1 TO 50000!  
2620 NEXT I  
2630 LOCATE 11,36:PRINT "blazing"  
2640 FOR I = 1 TO 50000!  
2650 NEXT I  
2660 LOCATE 11,44:PRINT "sun"  
2670 FOR I = 1 TO 50000!  
2680 NEXT I  
2690 LOCATE 11,48:PRINT "is"  
2700 FOR I = 1 TO 50000!  
2710 NEXT I  
2720 LOCATE 11,51:PRINT "gone."  
2730 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"  
2740 FOR I = 1 TO 50000!  
2750 NEXT I  
2760 LOCATE 12,27:PRINT "When"  
2770 FOR I = 1 TO 50000!  
2780 NEXT I  
2790 LOCATE 12,32:PRINT "there"  
2800 FOR I = 1 TO 50000!  
2810 NEXT I  
2820 LOCATE 12,38:PRINT "nothing"  
2830 FOR I = 1 TO 50000!  
2840 NEXT I  
2850 LOCATE 12,46:PRINT "shines"  
2860 FOR I = 1 TO 50000!  
2870 NEXT I  
2880 LOCATE 12,53:PRINT "upon."  
2890 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"  
2900 FOR I = 1 TO 50000!  
2910 NEXT I  
2920 LOCATE 14,27:PRINT "Then"
```

```
2930 FOR I = 1 TO 50000!
2940 NEXT I
2950 LOCATE 14,32:PRINT "you"
2960 FOR I = 1 TO 50000!
2970 NEXT I
2980 LOCATE 14,36:PRINT "show"
2990 FOR I = 1 TO 50000!
3000 NEXT I
3010 LOCATE 14,41:PRINT "your"
3020 FOR I = 1 TO 50000!
3030 NEXT I
3040 LOCATE 14,46:PRINT "little"
3050 FOR I = 1 TO 50000!
3060 NEXT I
3070 LOCATE 14,53:PRINT "light,"
3080 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
3090 FOR I = 1 TO 50000!
3100 NEXT I
3110 LOCATE 15,27:PRINT "Twinkle,"
3120 FOR I = 1 TO 50000!
3130 NEXT I
3140 LOCATE 15,36:PRINT "twinkle,"
3150 FOR I = 1 TO 50000!
3160 NEXT I
3170 LOCATE 15,45:PRINT "all"
3180 FOR I = 1 TO 50000!
3190 NEXT I
3200 LOCATE 15,49:PRINT "the"
3210 FOR I = 1 TO 50000!
3220 NEXT I
3230 LOCATE 15,53:PRINT "night."
3240 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3250 FOR I = 1 TO 50000!
3260 NEXT I
3270 FOR J = 1 TO 2
3280 GET (200,22)-(460,89-J),P
3290 FOR I = 1 TO 50000!
3300 NEXT I
3310 FOR I = 1 TO 50000!
3320 NEXT I
3330 LOCATE 22,25:PRINT "PRESS ANY KEY TO CONTINUE..."
3340 C$=INPUT $(1)
```

```
3350 LOCATE 22,25:PRINT "
3360 FOR I = 1 TO 70
3370 PUT (200,20+I),P,PSET
3380 NEXT I
3390 FOR I = 1 TO 50000!
3400 NEXT I
3410 FOR I = 1 TO 65
3420 LINE(200,150-I)-(460,157),0,BF
3430 NEXT I
3440 LOCATE 5,27:PRINT "Twinkle, twinkle, little star,
3450 PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
3460 FOR I= 1 TO 50000!
3470 NEXT I
3480 LOCATE 6,27:PRINT "How I wonder what you are I"
3490 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3500 FOR I= 1 TO 50000!
3510 NEXT I
3520 LOCATE 8,27:PRINT "Up above the world so high,"
3530 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
3540 FOR I= 1 TO 50000!
3550 NEXT I
3560 LOCATE 9,27:PRINT "Like a diamond in the sky!"
3570 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3580 FOR I= 1 TO 50000!
3590 NEXT I
3600 LOCATE 11,27:PRINT "When the blazing sun is gone,
3610 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
3620 FOR I= 1 TO 50000!
3630 NEXT I
3640 LOCATE 12,27:PRINT "When there nothing shines upon."
3650 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3660 FOR I= 1 TO 50000!
3670 NEXT I
3680 LOCATE 14,27:PRINT "Then you show your little light,"
3690 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
3700 FOR I= 1 TO 50000!
3710 NEXT I
3720 LOCATE 15,27:PRINT "Twinkle, twinkle, all the night."
3730 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3740 LOCATE 23,15 :PRINT "PRESS C KEY TO CONTINUE..."
3750 A$=INKEY$
3760 IF A$="C" OR A$="c" THEN GOTO 3770 ELSE 3740
```

```

3770 FOR I = 1 TO 150
3780 LINE(195,30)-(200+I,120),0,BF
3790 LINE(455,30)-(465-I,120),0,BF
3800 NEXT I
3810 'LOCATE 15,35:PRINT "READ AGAIN"
3820 'LOCATE 17,35:PRINT "THANK YOU"
3830 CNT=CNT+1
3840 LOCATE 20,24:PRINT "NUMBER OF PRACTICE....."CNT
3850 IF CNT= 1 THEN GOTO 3860
3860 FOR I = 1 TO 50000!
3870 NEXT I
3880 LOCATE 22,6:PRINT "SELECT MODE & PRESS ENTER... A FOR TO DO AGAIN"
3890 LOCATE 23,10:PRINT "M' FOR MENU MODE & 'O' FOR OPENNING
      MENU....."
3900 LOCATE 23,68:INPUT MODE$
3910 IF MODE$= "M" OR MODE$= "m" THEN CHAIN "TWIN0"
3920 IF MODE$= "O" OR MODE$= "o" THEN CHAIN "OPEN1"
3930 IF MODE$= "A" OR MODE$= "a" THEN GOTO 3974
3940 FOR I= 1 TO 50000!
3950 NEXT I
3960 LOCATE 10,20:PRINT "PLEASE TYPE CORRECTLY FOR A PARTICULAR MODE"
3970 FOR I= 1 TO 5000
3971 NEXT I
3972 LOCATE 10,20:PRINT "
3973 LOCATE 23,65:PRINT "          ":GOTO 3890
3974 LOCATE 23,10:PRINT "          "
3975 LOCATE 22,6:PRINT "          "
3976 LOCATE 23,6:PRINT "
3977 LOCATE 10,20:PRINT "
3978 GOTO 3890
3979 END

```

PROGRAM NAME : TWIN3.BAS
RHYME : "TWINKLE, TWINKLE, LITTLE STAR"
MODE : GRAPHICS TEXT MUSIC

```
10 CLS:KEY OFF:SCREEN 2
20 PI=22/7
30 LINE (0,0)-(639,199),,B
40 LINE (5,5)-(634,194),,B
50 'LINE (80,18)-(620,44),,BF
60 CIRCLE (100,22),3
70 PAINT (100,22)
80 DIM A (100)
90 GET (95,20)-(105,24),A
100 DIM X(200),Y(200)
110 DIM P (900)
120 FOR I = 1 TO 35
130 PUT (95+I,20),A
140 NEXT I
150 FOR I = 1 TO 15
160 PUT (113,21+I),A
170 NEXT I
180 FOR I = 1 TO 10000
190 NEXT I
200 FOR I = 1 TO 17
210 PUT (145,19+I),A
220 NEXT I
230 FOR I = 1 TO 9
240 PUT (149+I,36-I),A
250 NEXT I
260 FOR I = 1 TO 9
270 PUT (158+I,27+I),A
280 NEXT I
290 FOR I = 1 TO 17
300 PUT (173,19+I),A
310 NEXT I
320 FOR I = 1 TO 10000
330 NEXT I
340 FOR I = 1 TO 17
350 PUT (185,19+I),A
360 NEXT I
370 FOR I = 1 TO 10000
380 NEXT I
```

```
390 FOR I = 1 TO 17
400 PUT (200,19+I),A
410 PUT (204+I,19+I),A
420 NEXT I
430 FOR I = 1 TO 17
440 PUT (224,19+I),A
450 NEXT I
460 FOR I = 1 TO 10000
470 NEXT I
480 FOR I = 1 TO 17
490 PUT (237,19+I),A
500 NEXT I
510 FOR I = 1 TO 14
520 PUT (239+I,25+I),A
530 NEXT I
540 FOR I = 1 TO 8
550 PUT (243+I,28+I),A
560 NEXT I
570 FOR I = 1 TO 10000
580 NEXT I
590 FOR I = 1 TO 17
600 PUT (263,19+I),A
610 NEXT I
620 FOR I = 1 TO 25
630 PUT (263+I,36),A
640 NEXT I
650 FOR I = 1 TO 10000
660 NEXT I
670 FOR I = 1 TO 17
680 PUT (300,19+I),A
690 NEXT I
700 FOR I = 1 TO 25
710 PUT (302+I,20),A
720 NEXT I
730 FOR I = 1 TO 15
740 PUT (302+I,28),A
750 NEXT I
760 FOR I = 1 TO 25
770 PUT (302+I,36),A
780 NEXT I
790 FOR I = 1 TO 10000
800 NEXT I
```

```
810 DIM B (192)
820 GET (95,20)-(340,43),B
830 PUT (360,20),B
840 FOR I = 1 TO 10000
850 NEXT I
860 LINE (220,50)-(500,85),2,BF
870 DIM T (50),W(50),I(50), N(50),K(50),L(50),E(50),S(500),R(400)
880 GET (95,20)-(140,40),T
890 GET (144,20)-(182,40),W
900 GET (185,20)-(195,40),I
910 GET (200,20)-(235,40),N
920 GET (238,20)-(262,43),K
930 GET (265,20)-(298,40),L
940 GET (300,20)-(340,40),E
950 PUT (230,60),L
960 FOR I = 1 TO 10000
970 NEXT I
980 PUT (270,60),I
990 FOR I = 1 TO 10000
1000 NEXT I
1010 PUT (285,60),T
1020 FOR I = 1 TO 10000
1030 NEXT I
1040 PUT (335,60),T
1050 FOR I = 1 TO 10000
1060 NEXT I
1070 PUT (390,60),L
1080 FOR I = 1 TO 10000
1090 NEXT I
1100 PUT (430,60),E
1110 FOR I = 1 TO 10000
1120 NEXT I
1130 GET (220,57)-(475,82),R
1140 FOR I = 1 TO 2
1150 CIRCLE (270,100+I),20,,PI*1/10,PI*14/10,,3
1160 NEXT I
1170 FOR I = 1 TO 2
1180 CIRCLE (270,111+I),20,,PI*10/10,PI*6/10,,3
1190 NEXT I
1200 FOR I = 1 TO 10000
1210 NEXT I
1220 PUT (300,100),T
```

```
1230 FOR I = 1 TO 17
1240 PUT (350+I,117-I),A
1250 NEXT I
1260 FOR I = 1 TO 17
1270 PUT (365+I,100+I),A
1280 NEXT I
1290 FOR I = 1 TO 12
1300 PUT(360+I,110),A
1310 NEXT I
1320 FOR I = 1 TO 10000
1330 NEXT I
1340 FOR I = 1 TO 17
1350 PUT(400,100+I),A
1360 NEXT I
1370 FOR I = 1 TO 4
1380 CIRCLE (408+I,107),13,,PI*15/10,PI*5/10,.4
1390 NEXT I
1400 FOR I = 1 TO 15
1410 PUT (410+I,110+I),A
1420 NEXT I
1430 'LINE (100,80)-(240,130),0,BF
1440 GET (250,90)-(450,120),S
1450 FOR I = 1 TO 300
1460 'PUT (400-I,90),S
1470 NEXT I
1480 FOR I = 1 TO 115
1490 LINE (80,15)-(620,17+I),0,BF
1500 NEXT I
1510 FOR I= 1 TO 50000I
1520 NEXT I
1530 FOR I= 1 TO 120
1540 LINE (40,18)-(590,44+I),,BF
1550 NEXT I
1560 PUT (60,20),B
1570 FOR I= 1 TO 500
1580 NEXT I
1590 PUT (330,20),B
1600 PUT (325,100),S
1610 PUT (300,60),R
1620 FOR I= 1 TO 10000
1630 NEXT I
1640 FOR I= 1 TO 115
```

```

1650 LINE (44+I,20)-(586-I,44+I),0,BF
1660 NEXT I
1670 LOCATE 23,25:PRINT "PRESS A TO CONTINUE...."
1680 A$=INKEY$
1690 IF A$ = "A" OR A$ = "a" THEN GOTO 1710 ELSE 1680
1700 LOCATE 23,25:PRINT "          " 1710 CLS
1720 CIRCLE(190,25),7,,PI/2,PI
1730 CIRCLE(201,18),10,,PI,0,.2
1740 CIRCLE (215,22),7,,0,PI/2,.5
1750 CIRCLE(221,32),12,,3/2*PI,PI/2,2
1760 CIRCLE(224,48),5,,3/2*PI,PI/2,1
1770 CIRCLE(208,30),9,,3/2*PI,PI/2,3
1780 CIRCLE(222,44),15,,PI/2,3/2*PI,.6
1790 CIRCLE(203,30),9,,3/2*PI,PI/2,3
1800 CIRCLE(204,42),3,,3/2*PI,PI/2,1
1810 CIRCLE(191,36),14,,0,7/10*PI,.8
1820 LINE (189,28)-(185,34)
1830 LINE (185,34)-(186,35)
1840 LINE (186,35)-(185,36)
1850 LINE (185,36)-(187,38)
1860 LINE (187,38)-(185,39)
1870 LINE (185,39)-(187,41)
1880 CIRCLE(195,43),9,,PI,0,.6
1890 CIRCLE(191,32),4,,0,PI/2,1
1900 CIRCLE(191,31),1
1910 CIRCLE(194,38),3,,PI/2,PI,1
1920 CIRCLE(192,52),5,,PI*3/2,PI/2,.9
1930 LINE(209,48)-(198,53)
1940 LINE(211,51)-(193,58)
1950 LINE(200,56)-(195,66)
1960 CIRCLE (197,65),20,,PI*3/2,PI/2,.9
1970 CIRCLE (195,69),4,,0,PI,.5
1980 CIRCLE (192,73),6,,0,7/10*PI,.5
1990 CIRCLE (187,75),5,,0,6/10*PI,.5
2000 CIRCLE (172,73),7,,0,14/10*PI,.4
2010 CIRCLE (173,77),6,,8/10*PI,0,.4
2020 LINE(180,71)-(182,69)
2030 LINE(182,69)-(184,71)
2040 LINE(180,78)-(182,80)
2050 LINE(182,80)-(184,78)
2060 LINE(184,78)-(194,83)
2070 LINE(205,58)-(202,63)

```

2080 LINE(211,57)-(206,67)
 2090 CIRCLE (223,63),9,,PI*3/2,PI/2,3
 2100 CIRCLE (220,73),5,,0,PI,.5
 2110 CIRCLE (225,91),17,,PI*3/2,PI/2,4
 2120 CIRCLE (233,120),20,,PI/2,3/2*PI,2
 2130 LINE (228,104)-(245,153)
 2140 LINE (189,107)-(178,153)
 2150 LINE (194,84)-(189,107)
 2160 CIRCLE (211,150),37,,PI,0,.3
 2170 CIRCLE (211,154),40,,PI,0,.3
 2180 LINE (228,104)-(252,155)
 2190 LINE (189,107)-(172,155)
 2200 LINE (192,159)-(192,167)
 2210 LINE (204,161)-(200,167)
 2220 LINE (200,167)-(201,171)
 2230 LINE (192,167)-(190,171)
 2240 CIRCLE (191,172),10,,PI*6/10,0,.3
 2250 CIRCLE (195,168),6,,PI,0,.4
 2260 CIRCLE (221,172),10,,PI*6/10,0,.3
 2270 CIRCLE (225,168),6,,PI,0,.4
 2280 LINE (230,167)-(231,171)
 2290 LINE (222,167)-(220,171)
 2300 LINE (222,161)-(222,167)
 2310 LINE (234,161)-(230,167)
 2320 LINE (223,104)-(240,155)
 2330 LINE (218,104)-(233,158)
 2340 LINE (213,104)-(225,160)
 2350 LINE (195,104)-(184,156)
 2360 LINE (200,104)-(193,158)
 2370 LINE (205,104)-(200,160)
 2380 LINE (210,104)-(210,160)
 2390 CIRCLE(210,108),12,,0,PI,1
 2400 CIRCLE(210,108),8,,0,PI,1
 2410 CIRCLE(210,108),15,,0,PI,1
 2420 CIRCLE(210,108),20,,0,PI,1
 2430 CIRCLE(210,87),15,,0,PI,.2
 2440 CIRCLE(215,74),10,,3/2*PI,PI/2,3
 2450 CIRCLE(217,74),10,,3/2*PI,PI/2,3
 2460 CIRCLE(220,78),13,,3/2*PI,PI/2,3
 2470 CIRCLE(225,62),9,,3/2*PI,0,1
 2480 CIRCLE(225,63),12,,3/2*PI,0,1
 2490 CIRCLE(228,85),9,,0,PI/2,1

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2500 CIRCLE(228,84),12,,0,PI/2,1
2560 LINE (120,75)-(166,75)
2570 LINE (120,80)-(169,80)
2580 LINE (120,140)-(176,140)
2590 LINE (120,145)-(176,145)
2600 LINE (125,75)-(125,145)
2610 LINE (120,75)-(120,145)
2620 LINE (140,75)-(140,145)
2630 LINE (145,75)-(145,145)
2640 LINE (165,75)-(165,145)
2650 LINE (170,75)-(170,145)
2660 LINE (95,175)-(270,175)
2670 LINE (110,160)-(180,160)
2680 CIRCLE(132,125),7
2690 CIRCLE(132,100),7
2700 CIRCLE(155,100),9
2710 CIRCLE(155,125),9
2720 CIRCLE(180,125),9
2730 CIRCLE(180,100),9
2740 'CIRCLE(155,152),9
2750 'CIRCLE(135,152),9
2760 CIRCLE(100,100),50,,,,4
2770 CIRCLE(100,80),50,,,,3
2780 CIRCLE(100,120),50,,,,3
2790 CIRCLE(100,100),15,,,,2
2800 CIRCLE(260,80),60,,,,3
2810 CIRCLE(260,120),55,,,,3
2820 CIRCLE(260,110),60,,,,3
2830 CIRCLE(260,105),30,,,,2
2840 CIRCLE(260,105),10,,,,2
2850 LINE (0,0)-(639,199),3,B,&H234
2860 LINE (10,5)-(624,194),3,B,&H234
2870 FOR I= 1 TO 2000
2880 NEXT I
2890 'LINE(20,7)-(305,191),0,BF
2900 'RANDOMIZE
2910 ON TIMER(2) GOSUB 3010
2920 TIMER ON
2930 I=1
2940 PRESET (X(1),Y(1))
2950 X(I)=INT(310*RND):Y(I)=INT(30*RND)
2960 CLR= 1 +INT(9*RND)

```

```
2970 CIRCLE(X(I),Y(I)),2,CLR
2980 I=I+1
2990 IF I>200 THEN I=1
3000 GOTO 2940
3010 LOCATE 3,40:PRINT "TWINKLE, TWINKLE, LITTLE STAR"
3020 LOCATE 4,40:PRINT "~~~~~"
3030 LOCATE 23,40:PRINT "PRESS ANY KEY TO CONTINUE...."
3040 C$=INPUT $(1)
3050 LOCATE 23,40:PRINT "      "
3060 LOCATE 5,40:PRINT "Twinkle,"
3070 FOR I = 1 TO 50000!
3080 NEXT I
3090 LOCATE 5,49:PRINT "twinkle,"
3100 FOR I = 1 TO 50000!
3110 NEXT I
3120 LOCATE 5,58:PRINT "little"
3130 FOR I = 1 TO 50000!
3140 NEXT I
3150 LOCATE 5,65:PRINT "star,"
3160 FOR I = 1 TO 50000!
3170 NEXT I
3180 LOCATE 6,40:PRINT "How"
3190 FOR I = 1 TO 50000!
3200 NEXT I
3210 LOCATE 6,44:PRINT "I"
3220 FOR I = 1 TO 50000!
3230 NEXT I
3240 LOCATE 6,46:PRINT "wonder"
3250 FOR I = 1 TO 50000!
3260 NEXT I
3270 LOCATE 6,53:PRINT "what"
3280 FOR I = 1 TO 50000!
3290 NEXT I
3300 LOCATE 6,58:PRINT "you"
3310 FOR I = 1 TO 50000!
3320 NEXT I
3330 LOCATE 6,62:PRINT "are!"
3340 FOR I = 1 TO 50000!
3350 NEXT I
3360 LOCATE 8,40:PRINT "Up"
3370 FOR I = 1 TO 50000!
3380 NEXT I
```

```
3390 LOCATE 8,43:PRINT "above"
3400 FOR I = 1 TO 50000!
3410 NEXT I
3420 LOCATE 8,49:PRINT "the"
3430 FOR I = 1 TO 50000!
3440 NEXT I
3450 LOCATE 8,53:PRINT "world"
3460 FOR I = 1 TO 50000!
3470 NEXT I
3480 LOCATE 8,59:PRINT "so"
3490 FOR I = 1 TO 50000!
3500 NEXT I
3510 LOCATE 8,62:PRINT "high,"
3520 FOR I = 1 TO 50000!
3530 NEXT I
3540 LOCATE 9,40:PRINT "Like"
3550 FOR I = 1 TO 50000!
3560 NEXT I
3570 LOCATE 9,45:PRINT "a"
3580 FOR I = 1 TO 50000!
3590 NEXT I
3600 LOCATE 9,47:PRINT "diamond"
3610 FOR I = 1 TO 50000!
3620 NEXT I
3630 LOCATE 9,55:PRINT "in"
3640 FOR I = 1 TO 50000!
3650 NEXT I
3660 LOCATE 9,58:PRINT "the"
3670 FOR I = 1 TO 50000!
3680 NEXT I
3690 LOCATE 9,62:PRINT "sky!"
3700 FOR I = 1 TO 50000!
3710 NEXT I
3720 LOCATE 11,40:PRINT "When"
3730 FOR I = 1 TO 50000!
3740 NEXT I
3750 LOCATE 11,45:PRINT "the"
3760 FOR I = 1 TO 50000!
3770 NEXT I
3780 LOCATE 11,49:PRINT "blazing"
3790 FOR I = 1 TO 50000!
3800 NEXT I
```

```
3810 LOCATE 11,57:PRINT "sun"
3820 FOR I = 1 TO 50000!
3830 NEXT I
3840 LOCATE 11,61:PRINT "is"
3850 FOR I = 1 TO 50000!
3860 NEXT I
3870 LOCATE 11,64:PRINT "gone,"
3880 FOR I = 1 TO 50000!
3890 NEXT I
3900 LOCATE 12,40:PRINT "When"
3910 FOR I = 1 TO 50000!
3920 NEXT I
3930 LOCATE 12,45:PRINT "there"
3940 FOR I = 1 TO 50000!
3950 NEXT I
3960 LOCATE 12,51:PRINT "nothing"
3970 FOR I = 1 TO 50000!
3980 NEXT I
3990 LOCATE 12,59:PRINT "shines"
4000 FOR I = 1 TO 50000!
4010 NEXT I
4020 LOCATE 12,66:PRINT "upon."
4030 FOR I = 1 TO 50000!
4040 NEXT I
4050 LOCATE 14,40:PRINT "Then"
4060 FOR I = 1 TO 50000!
4070 NEXT I
4080 LOCATE 14,45:PRINT "you"
4090 FOR I = 1 TO 50000!
4100 NEXT I
4110 LOCATE 14,49:PRINT "show"
4120 FOR I = 1 TO 50000!
4130 NEXT I
4140 LOCATE 14,54:PRINT "your"
4150 FOR I = 1 TO 50000!
4160 NEXT I
4170 LOCATE 14,59:PRINT "little"
4180 FOR I = 1 TO 50000!
4190 NEXT I
4200 LOCATE 14,66:PRINT "light,"
4210 FOR I = 1 TO 50000!
4220 NEXT I
```

```
4230 LOCATE 15,40:PRINT "Twinkle,"
4240 FOR I = 1 TO 50000!
4250 NEXT I
4260 LOCATE 15,49:PRINT "twinkle,"
4270 FOR I = 1 TO 50000!
4280 NEXT I
4290 LOCATE 15,58:PRINT "all"
4300 FOR I = 1 TO 50000!
4310 NEXT I
4320 LOCATE 15,62:PRINT "the"
4330 FOR I = 1 TO 50000!
4340 NEXT I
4350 LOCATE 15,66:PRINT "night."
4360 FOR I = 1 TO 50000!
4370 NEXT I
4380 'FOR J = 1 TO 2
4390 GET (300,28)-(580,75-J),P
4400 FOR I = 1 TO 50000!
4410 NEXT I
4420 LOCATE 23,40:PRINT "PRESS ANY KEY TO CONTINUE..."
4430 C$=INPUT $(1)
4440 FOR I = 1 TO 70
4450 PUT (300,28+I),P,PSET
4460 NEXT I
4470 FOR I = 1 TO 70
4480 LINE(300,155-I)-(580,157),0,BF
4490 NEXT I
4500 LOCATE 23,40:PRINT "          "
4510 FOR I= 1 TO 50000!
4520 NEXT I
4530 LOCATE 5,40:PRINT "Twinkle,twinkle,little star,"
4540 FOR I= 1 TO 50000!
4550 NEXT I
4560 LOCATE 6,40:PRINT "How I wonder what you are !"
4570 FOR I= 1 TO 50000!
4580 NEXT I
4590 LOCATE 8,40:PRINT "Up above the world so high,"
4600 FOR I= 1 TO 50000!
4610 NEXT I
4620 LOCATE 9,40:PRINT "Like a dimond in the sky!"
4630 FOR I= 1 TO 50000!
4640 NEXT I
```

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4650 LOCATE 11,40:PRINT "When the blazing sun is gone,
4660 FOR I= 1 TO 50000!
4670 NEXT I
4680 LOCATE 12,40:PRINT "When there nothing shines upon."
4690 FOR I= 1 TO 50000!
4700 NEXT I
4710 LOCATE 14,40:PRINT "Then you show your little light,"
4720 FOR I= 1 TO 50000!
4730 NEXT I
4740 LOCATE 15,40:PRINT "Twinkle, twinkle, all the night."
4750 FOR I = 1 TO 150
4760 LINE(295,30)-(300+I,120),0,BF
4770 LINE(585-I,30)-(590,120),0,BF
4780 NEXT I
4790 CNT=CNT+1
4810 LOCATE 19,42:PRINT "NUMBER OF PRACTICE....."CNT
4820 IF CNT=1 THEN GOTO 4850
4830 LOCATE 23,15:INPUT"WRITE YOUR NAME TO DO AGAIN...",NAM$
4840 IF NAM$=NAM$ THEN GOTO 1810
4850 FOR I= 1 TO 5000
4860 NEXT I
4870 LOCATE 22,6:PRINT "PRESS....      A FOR => TO DO AGAIN.."
4880 LOCATE 23,10:PRINT "M FOR => MODE MENU  &  O FOR => OPENNING MENU..."
4890 NEXT I
4900 LOCATE 23,68:INPUT MODE$
4910 IF MODE$= "M" OR MODE$="m" THEN CHAIN"TWINO"
4920 IF MODE$= "O" OR MODE$="o" THEN CHAIN"OPEN1"
4930 IF MODE$= "A" OR MODE$="a" THEN GOTO 5020
4940 FOR I = 1 TO 50000!
4950 NEXT I
4960 LOCATE 10,45:PRINT "PLEASE TYPE CORRECTLY ...."
4970 FOR I= 1 TO 50000!
4980 NEXT I
4990 LOCATE 10,45:PRINT "
5000 LOCATE 23,65:PRINT "      ":GOTO 4880
5010 LOCATE 23,10:PRINT "
5020 LOCATE 22,6:PRINT "
5030 LOCATE 23,6:PRINT "      ":GOTO 1860
5040 LOCATE 10,45:PRINT "
5050 GOTO 4880
5060 END

```

PROGRAM NAME : TWIN4.BAS
RHYME : "TWINKLE, TWINKLE, LITTLE STAR"
MODE : GRAPHICS TEXT MUSIC

```

10 CLS:KEY OFF:SCREEN 2
20 PI=22/7
30 DIM P (900)
40 LINE (0,0)-(639,199),,B
50 LINE (5,5)-(634,194),,B
60 'LINE (80,18)-(620,44),,BF
70 CIRCLE (100,22),3
80 PAINT (100,22)
90 PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
100 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
110 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
120 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
130 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
140 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
150 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
160 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
170 DIM A (100)
180 GET (95,20)-(105,24),A
190 FOR I = 1 TO 35
200 PUT (95+I,20),A
210 NEXT I
220 FOR I = 1 TO 15
230 PUT (113,21+I),A
240 NEXT I
250 FOR I = 1 TO 10000
260 NEXT I
270 FOR I = 1 TO 17
280 PUT (145,19+I),A
290 NEXT I
300 FOR I = 1 TO 9
310 PUT (149+I,36-I),A
320 NEXT I
330 FOR I = 1 TO 9
340 PUT (158+I,27+I),A
350 NEXT I
360 FOR I = 1 TO 17
370 PUT (173,19+I),A
380 NEXT I

```

```
390 FOR I = 1 TO 10000
400 NEXT I
410 FOR I = 1 TO 17
420 PUT (185,19+I),A
430 NEXT I
440 FOR I = 1 TO 10000
450 NEXT I
460 FOR I = 1 TO 17
470 PUT (200,19+I),A
480 PUT (204+I,19+I),A
490 NEXT I
500 FOR I = 1 TO 17
510 PUT (224,19+I),A
520 NEXT I
530 FOR I = 1 TO 10000
540 NEXT I
550 FOR I = 1 TO 17
560 PUT (237,19+I),A
570 NEXT I
580 FOR I = 1 TO 14
590 PUT (239+I,25+I),A
600 NEXT I
610 FOR I = 1 TO 8
620 PUT (243+I,28-I),A
630 NEXT I
640 FOR I = 1 TO 10000
650 NEXT I
660 FOR I = 1 TO 17
670 PUT (263,19+I),A
680 NEXT I
690 FOR I = 1 TO 25
700 PUT (263+I,36),A
710 NEXT I
720 FOR I = 1 TO 10000
730 NEXT I
740 FOR I = 1 TO 17
750 PUT (300,19+I),A
760 NEXT I
770 FOR I = 1 TO 25
780 PUT (302+I,20),A
790 NEXT I
800 FOR I = 1 TO 15
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```
810 PUT (302+I,28),A
820 NEXT I
830 FOR I = 1 TO 25
840 PUT (302+I,36),A
850 NEXT I
860 FOR I = 1 TO 10000
870 NEXT I
880 DIM B (192)
890 GET (95,20)-(340,43),B
900 PUT (360,20),B
910 FOR I = 1 TO 10000
920 NEXT I
930 LINE (220,50)-(500,85),2,BF
940 DIM T (50),W(50),I(50), N(50),K(50),L(50),E(50),S(500),R(400)
950 GET (95,20)-(140,40),T
960 GET (144,20)-(182,40),W
970 GET (185,20)-(195,40),I
980 GET (200,20)-(235,40),N
990 GET (238,20)-(262,43),K
1000 GET (265,20)-(288,40),L
1010 GET (300,20)-(340,40),E
1020 PUT (230,60),L
1030 FOR I = 1 TO 10000
1040 NEXT I
1050 PUT (270,60),I
1060 FOR I = 1 TO 10000
1070 NEXT I
1080 PUT (285,60),T
1090 FOR I = 1 TO 10000
1100 NEXT I
1110 PUT (335,60),T
1120 FOR I = 1 TO 10000
1130 NEXT I
1140 PUT (390,60),L
1150 FOR I = 1 TO 10000
1160 NEXT I
1170 PUT (430,60),E
1180 FOR I = 1 TO 10000
1190 NEXT I
1200 GET (220,57)-(475,82),R
1210 FOR I = 1 TO 2
1220 CIRCLE (270,100+I),20,,PI*1/10,PI*14/10,.3
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```
1230 NEXT I
1240 FOR I = 1 TO 2
1250 CIRCLE (270,111+I),20,,PI*10/10,PI*6/10,.3
1260 NEXT I
1270 FOR I = 1 TO 10000
1280 NEXT I
1290 PUT (300,100),T
1300 FOR I = 1 TO 17
1310 PUT (350+I,117-I),A
1320 NEXT I
1330 FOR I = 1 TO 17
1340 PUT (365+I,100+I),A
1350 NEXT I
1360 FOR I = 1 TO 12
1370 PUT(360+I,110),A
1380 NEXT I
1390 FOR I = 1 TO 10000
1400 NEXT I
1410 FOR I = 1 TO 17
1420 PUT(400,100+I),A
1430 NEXT I
1440 FOR I = 1 TO 4
1450 CIRCLE (408+I,107),13,,PI*15/10,PI*5/10,.4
1460 NEXT I
1470 FOR I = 1 TO 15
1480 PUT (410+I,110+I),A
1490 NEXT I
1500 *LINE (100,80)-(240,130),0,BF
1510 GET (250,90)-(450,120),S
1520 FOR I = 1 TO 300
1530 *PUT (400-I,90),S
1540 NEXT I
1550 FOR I = 1 TO 115
1560 LINE (80,15)-(620,17+I),0,BF
1570 NEXT I
1580 FOR I = 1 TO 120
1590 LINE (40,18)-(590,44+I),,BF
1600 NEXT I
1610 PUT (60,20),B
1620 FOR I = 1 TO 500
1630 NEXT I
1640 PUT (330,20),B
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```

1650 PUT (325,100),S
1660 PUT (300,60),R
1670 FOR I= 1 TO 5000!
1680 NEXT I
1690 FOR I= 1 TO 115
1700 LINE (44+I,20)-(586-I,44+I),0,BF
1710 NEXT I
1720 KEY OFF:SCREEN 2:CLS
1730 PI=22/7
1740 CIRCLE(190,25),7,,PI/2,PI
1750 CIRCLE(201,18),10,,PI,0,.2
1760 CIRCLE (215,22),7,,0,PI/2,.5
1770 CIRCLE(221,32),12,,3/2*PI,PI/2,2
1780 CIRCLE(224,48),5,,3/2*PI,PI/2,1
1790 CIRCLE(208,30),9,,3/2*PI,PI/2,3
1800 CIRCLE(222,44),15,,PI/2,3/2*PI,.6
1810 CIRCLE(203,30),9,,3/2*PI,PI/2,3
1820 CIRCLE(204,42),3,,3/2*PI,PI/2,1
1830 CIRCLE(191,36),14,,0,7/10*PI,.8
1840 LINE (189,26)-(185,34)
1850 LINE (185,34)-(186,35)
1860 LINE (186,35)-(185,36)
1870 LINE (185,36)-(187,38)
1880 LINE (187,38)-(185,39)
1890 LINE (185,39)-(187,41)
1900 CIRCLE(195,43),9,,PI,0,.6
1910 CIRCLE(191,32),4,,0,PI/2,1
1920 CIRCLE(191,31),1
1930 CIRCLE(194,38),3,,PI/2,PI,1
1940 CIRCLE(192,52),5,,PI*3/2,PI/2,.9
1950 LINE(209,48)-(198,53)
1960 LINE(211,51)-(193,58)
1970 LINE(200,58)-(195,66)
1980 CIRCLE (197,65),20,,PI*3/2,PI/2,.9
1990 CIRCLE (195,69),4,,0,PI,.5
2000 CIRCLE (192,73),6,,0,7/10*PI,.5
2010 CIRCLE (187,75),5,,0,6/10*PI,.5
2020 CIRCLE (172,73),7,,0,14/10*PI,.4
2030 CIRCLE (173,77),6,,8/10*PI,0,.4
2040 LINE(180,71)-(182,69)
2050 LINE(182,69)-(184,71)
2060 LINE(180,78)-(182,80)

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2070 LINE(182,80)-(184,78)
 2080 LINE(184,78)-(184,83)
 2090 LINE(205,58)-(202,63)
 2100 LINE(211,57)-(206,67)
 2110 CIRCLE (223,63),9,,PI*3/2,PI/2,3
 2120 CIRCLE (220,73),5,,0,PI,.5
 2130 CIRCLE (225,91),17,,PI*3/2,PI/2,4
 2140 CIRCLE (233,120),20,,PI/2,3/2*PI,2
 2150 LINE (228,104)-(245,153)
 2160 LINE (189,107)-(178,153)
 2170 LINE (194,84)-(189,107)
 2180 CIRCLE (211,150),37,,PI,0,.3
 2190 CIRCLE (211,154),40,,PI,0,.3
 2200 LINE (228,104)-(252,155)
 2210 LINE (189,107)-(172,155)
 2220 LINE (192,159)-(192,167)
 2230 LINE (204,161)-(200,167)
 2240 LINE (200,167)-(201,171)
 2250 LINE (192,167)-(190,171)
 2260 CIRCLE (191,172),10,,PI*6/10,0,.3
 2270 CIRCLE (195,168),6,,PI,0,.4
 2280 CIRCLE (221,172),10,,PI*6/10,0,.3
 2290 CIRCLE (225,168),6,,PI,0,.4
 2300 LINE (230,167)-(231,171)
 2310 LINE (222,167)-(220,171)
 2320 LINE (222,161)-(222,167)
 2330 LINE (234,161)-(230,167)
 2340 LINE (223,104)-(240,155)
 2350 LINE (218,104)-(233,158)
 2360 LINE (213,104)-(225,160)
 2370 LINE (195,104)-(184,158)
 2380 LINE (200,104)-(193,158)
 2390 LINE (205,104)-(200,160)
 2400 LINE (210,104)-(210,160)
 2410 CIRCLE(210,108),12,,0,PI,1
 2420 CIRCLE(210,108),8,,0,PI,1
 2430 CIRCLE(210,108),15,,0,PI,1
 2440 CIRCLE(210,108),20,,0,PI,1
 2450 CIRCLE(210,87),15,,0,PI,2
 2460 CIRCLE(215,74),10,,3/2*PI,PI/2,3
 2470 CIRCLE(217,74),10,,3/2*PI,PI/2,3
 2480 CIRCLE(220,78),13,,3/2*PI,PI/2,3

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2490 CIRCLE(225,62),9,,3/2*PI,0,1
2500 CIRCLE(225,63),12,,3/2*PI,0,1
2510 CIRCLE(228,85),9,,0,PI/2,1
2520 CIRCLE(228,84),12,,0,PI/2,1
2580 LINE (120,75)-(168,75)
2590 LINE (120,80)-(169,80)
2600 LINE (120,140)-(176,140)
2610 LINE (120,145)-(176,145)
2620 LINE (125,75)-(125,145)
2630 LINE (120,75)-(120,145)
2640 LINE (140,75)-(140,145)
2650 LINE (145,75)-(145,145)
2660 LINE (165,75)-(165,145)
2670 LINE (170,75)-(170,145)
2680 LINE (95,175)-(270,175)
2690 LINE (110,160)-(180,160)
2700 CIRCLE(132,125),7
2710 CIRCLE(132,100),7
2720 CIRCLE(155,100),9
2730 CIRCLE(155,125),9
2740 CIRCLE(180,125),9
2750 CIRCLE(180,100),9
2760 'CIRCLE(155,152),9
2770 'CIRCLE(135,152),9
2780 CIRCLE(100,100),50,,,,4
2790 CIRCLE(100,80),50,,,,3
2800 CIRCLE(100,120),50,,,,3
2810 CIRCLE(100,100),15,,,,2
2820 CIRCLE(260,80),60,,,,3
2830 CIRCLE(260,120),55,,,,3
2840 CIRCLE(260,110),60,,,,3
2850 CIRCLE(260,105),30,,,,2
2860 CIRCLE(260,105),10,,,,2
2870 LINE (0,0)-(639,199),3,B,&H234
2880 LINE (10,5)-(624,194),3,B,&H234
2890 FOR I= 1 TO 2000
2900 NEXT I
2910 'LINE(20,7)-(305,191),0,BF
2920 DIM X(200),Y(200)
2930 'RANDOMIZE
2940 ON TIMER(2) GOSUB 3040
2950 TIMER ON

```

```

2960 I=1
2970 PRESET (X(1),Y(1))
2980 X(I)=INT(310*RND):Y(I)=INT(30*RND) 2990 CLR= 1 +INT(9*RND)
3000 CIRCLE(X(I),Y(I)),2,CLR
3010 I=I+1
3020 IF I>200 THEN I=1
3030 GOTO 2970
3040 LOCATE 2,40:PRINT "TWINKLE, TWINKLE, LITTLE STAR"
3050 LOCATE 3,40:PRINT "~~~~~"
3060 LOCATE 22,40:PRINT "PRESS SPACE BAR TO CONTINUE..."
3070 C$=INPUT $(1)
3080 LOCATE 22,40:PRINT "
3090 LOCATE 23,15:PRINT "
3100 FOR I = 1 TO 50000!
3110 NEXT I
3120 LOCATE 5,40:PRINT "Twinkle,"
3130 FOR I = 1 TO 50000!
3140 NEXT I
3150 LOCATE 5,49:PRINT "twinkle,"
3160 FOR I = 1 TO 50000!
3170 NEXT I
3180 LOCATE 5,58:PRINT "tittle"
3190 FOR I = 1 TO 50000!
3200 NEXT I
3210 LOCATE 5,65:PRINT "star,"
3220 PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
3230 FOR I = 1 TO 50000!
3240 NEXT I
3250 LOCATE 6,40:PRINT "How"
3260 FOR I = 1 TO 50000!
3270 NEXT I
3280 LOCATE 6,44:PRINT "I"
3290 FOR I = 1 TO 50000!
3300 NEXT I
3310 LOCATE 6,46:PRINT "wonder"
3320 FOR I = 1 TO 50000!
3330 NEXT I
3340 LOCATE 6,53:PRINT "what"
3350 FOR I = 1 TO 50000!
3360 NEXT I
3370 LOCATE 6,58:PRINT "you"
3380 FOR I = 1 TO 50000!

```



3390 NEXT I
3400 LOCATE 6,62:PRINT "arel"
3410 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3420 FOR I = 1 TO 50000!
3430 NEXT I
3440 LOCATE 8,40:PRINT "Up"
3450 FOR I = 1 TO 50000!
3460 NEXT I
3470 LOCATE 8,43:PRINT "above"
3480 FOR I = 1 TO 50000!
3490 NEXT I
3500 LOCATE 8,49:PRINT "the"
3510 FOR I = 1 TO 50000!
3520 NEXT I
3530 LOCATE 8,53:PRINT "world"
3540 FOR I = 1 TO 50000!
3550 NEXT I
3560 LOCATE 8,59:PRINT "so"
3570 FOR I = 1 TO 50000!
3580 NEXT I
3590 LOCATE 8,62:PRINT "high,"
3600 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
3610 FOR I = 1 TO 50000!
3620 NEXT I
3630 LOCATE 9,40:PRINT "Like"
3640 FOR I = 1 TO 50000!
3650 NEXT I
3660 LOCATE 9,45:PRINT "a"
3670 FOR I = 1 TO 50000!
3680 NEXT I
3690 LOCATE 9,47:PRINT "diamond"
3700 FOR I = 1 TO 50000!
3710 NEXT I
3720 LOCATE 9,55:PRINT "in"
3730 FOR I = 1 TO 50000!
3740 NEXT I
3750 LOCATE 9,58:PRINT "the"
3760 FOR I = 1 TO 50000!
3770 NEXT I
3780 LOCATE 9,62:PRINT "skyl"
3790 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
3800 FOR I = 1 TO 50000!

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3810 NEXT I
3820 LOCATE 11,40:PRINT "When"
3830 FOR I = 1 TO 50000!
3840 NEXT I
3850 LOCATE 11,45:PRINT "the"
3860 FOR I = 1 TO 50000!
3870 NEXT I
3880 LOCATE 11,49:PRINT "blazing"
3890 FOR I = 1 TO 50000!
3900 NEXT I
3910 LOCATE 11,57:PRINT "sun"
3920 FOR I = 1 TO 50000!
3930 NEXT I
3940 LOCATE 11,61:PRINT "is"
3950 FOR I = 1 TO 50000!
3960 NEXT I
3970 LOCATE 11,64:PRINT "gone,"
3980 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
3990 FOR I = 1 TO 50000!
4000 NEXT I
4010 LOCATE 12,40:PRINT "When"
4020 FOR I = 1 TO 50000!
4030 NEXT I
4040 LOCATE 12,45:PRINT "there"
4050 FOR I = 1 TO 50000!
4060 NEXT I
4070 LOCATE 12,51:PRINT "nothing"
4080 FOR I = 1 TO 50000!
4090 NEXT I
4100 LOCATE 12,59:PRINT "shines"
4110 FOR I = 1 TO 50000!
4120 NEXT I
4130 LOCATE 12,66:PRINT "upon."
4140 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
4150 FOR I = 1 TO 50000!
4160 NEXT I
4170 LOCATE 14,40:PRINT "Then"
4180 FOR I = 1 TO 50000!
4190 NEXT I
4200 LOCATE 14,45:PRINT "you"
4210 FOR I = 1 TO 50000!
4220 NEXT I
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4230 LOCATE 14,49:PRINT "show"
4240 FOR I = 1 TO 50000!
4250 NEXT I
4260 LOCATE 14,54:PRINT "your"
4270 FOR I = 1 TO 50000!
4280 NEXT I
4290 LOCATE 14,59:PRINT "little"
4300 FOR I = 1 TO 50000!
4310 NEXT I
4320 LOCATE 14,66:PRINT "light,"
4330 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
4340 FOR I = 1 TO 50000!
4350 NEXT I
4360 LOCATE 15,40:PRINT "Twinkle,"
4370 FOR I = 1 TO 50000!
4380 NEXT I
4390 LOCATE 15,49:PRINT "twinkle,"
4400 FOR I = 1 TO 50000!
4410 NEXT I
4420 LOCATE 15,58:PRINT "all"
4430 FOR I = 1 TO 50000!
4440 NEXT I
4450 LOCATE 15,62:PRINT "the"
4460 FOR I = 1 TO 50000!
4470 NEXT I
4480 LOCATE 15,66:PRINT "night."
4490 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
4500 FOR J = 1 TO 2
4510 GET (300,22)-(580,75-J),P
4520 FOR I = 1 TO 500000!
4530 NEXT I
4540 FOR I = 1 TO 70
4550 PUT (300,20+I),P,PSET
4560 NEXT I
4570 FOR I = 1 TO 5000
4580 NEXT I
4590 FOR I = 1 TO 70
4600 LINE(300,155-I)-(580,157),0,BF
4610 NEXT I
4620 FOR I = 1 TO 5000
4630 NEXT I
4640 LOCATE 5,40:PRINT "Twinkle,twinkle,little star,"

```

```

4650 PLAY"mb L5 N30N30 N37N37 N39N39 L3 N37 N0"
4660 FOR I= 1 TO 50000!
4670 NEXT I
4680 LOCATE 6,40:PRINT "How I wonder what you are I"
4690 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
4700 FOR I= 1 TO 50000!
4710 NEXT I
4720 LOCATE 8,40:PRINT "Up above the world so high,"
4730 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
4740 FOR I= 1 TO 50000!
4750 NEXT I
4760 LOCATE 9,40:PRINT "Like a diamond in the sky!"
4770 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
4780 FOR I= 1 TO 50000!
4790 NEXT I
4800 LOCATE 11,40:PRINT "When the blazing sun is gone,"
4810 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
4820 FOR I= 1 TO 50000!
4830 NEXT I
4840 LOCATE 12,40:PRINT "When there nothing shines upon."
4850 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
4860 FOR I= 1 TO 5000
4870 NEXT I
4880 LOCATE 14,40:PRINT "Then you show your little light,"
4890 PLAY"MB L5 N30N30 N37N37 N39N39 L3 N37 N0"
4900 FOR I= 1 TO 50000!
4910 NEXT I
4920 LOCATE 15,40:PRINT "Twinkle, twinkle, all the night."
4930 PLAY"MB L5 N35N35 N34N34 N32N32 L3 N30 N0"
4940 FOR I= 1 TO 150
4950 LINE(285,30)-(300+I,120),0,BF
4960 LINE(585-I,30)-(590,120),0,BF
4970 NEXT I
4980 CNT=cnt+1
5000 *CNT=cnt+1
5010 LOCATE 20,40:PRINT "NUMBER OF PRACTICE....."CNT
5020 IF CNT=1 THEN GOTO 5050
5030 *LOCATE 23,15:INPUT"WRITE YOUR NAME TO DO AGAIN...",NAM$
5040 *F NAM$=NAM$ THEN GOTO 1810
5050 FOR I= 1 TO 5000
5060 NEXT I
5070 LOCATE 22,6:PRINT "PRESS....      A FOR => TO DO AGAIN.."

```

```

5080 LOCATE 23,10:PRINT "M FOR => MODE MENU & O FOR => OPENNING MENU..."
5090 NEXT I
5100 LOCATE 23,68:INPUT MODE$
5110 IF MODE$="M" OR MODE$="m" THEN CHAIN"TWINO"
5120 IF MODE$="O" OR MODE$="o" THEN CHAIN"OPEN1" 5130 IF MODE$="A" OR MODE$="a"
THEN GOTO 5220 5140 FOR I = 1 TO 50000!
5150 NEXT I
5160 LOCATE 10,40:PRINT "PLEASE TYPE CORRECTLY ...."
5170 FOR I= 1 TO 50000!
5180 NEXT I
5190 LOCATE 10,40:PRINT "
5200 LOCATE 23,65:PRINT " ":GOTO 5080
5210 LOCATE 23,10:PRINT "
5220 LOCATE 22,6:PRINT "
5230 LOCATE 23,6:PRINT " ":GOTO
3090 5240 LOCATE 10,20:PRINT "
5250 GOTO 5080
5260 END

```

OUTPUT OF THE OPENING MENU

OPENING
MENU

PRESS . . .

A TO => TWINKLE, TWINKLE, LITTLE STAR. B TO => RIDDLE ME, RIDDLE ME.

C TO => NUMBER RHYME. D TO => FUNNY, BUNNY.

E TO => JOHNNY, JOHNNY. F TO => BUTTERFLY, BUTTERFLY.

G TO => BAA, BAA, BLACK SHEEP.

'TWINKLE, TWINKLE, LITTLE STAR'

'THANK YOU FOR USING ME...

Which mode you want?
Just type bracketed letters/letter=?

(GTMR) for => Graphics Text Music Recitation

(GTM) for => Graphics Text Music

(GT) for => Graphics Text

(TM) for => Text Music

(T) for => Text

(M) for => Return to Opening Menu

OUTPUT OF THE MODE MENU

TINKLE TINKLE
LITTLE
STAR

OUTPUT OF THE RHYME MODE

TWINKLE, TWINKLE, LITTLE STAR

Twinkle, twinkle, little star,
How I wonder what you are!

Up above the world so high,
Like a diamond in the sky!

When the blazing sun is gone,
When there nothing shines upon,

Then you show your little light,
Twinkle, twinkle, all the night,

TWINKLE, TWINKLE, LITTLE STAR

Twinkle, twinkle, little star,
How I wonder what you are!

Up above the world so high,
Like a diamond in the sky!

When the blazing sun is gone,
When there nothing shines upon,

Then you show your little light,
Twinkle, twinkle, all the night.

PRESS ANY KEY TO CONTINUE...

OUTPUT OF GRAPHICS TEXT MODE

