

APPENDIX VII

PROGRAM LISTING AND OUTPUT
OF
BUTTERFLY, BUTTERFLY

PROGRAM NAME : BUT0.BAS
 RHYME : "BUTTERFLY, BUTTERFLY"
 MODE : MODE MENU

```

10 CLS:SCREEN 2:KEY OFF
20 PI=22/7
30 DIM B(100),U(100),T(100),E(100),R(100),F(100),L(100),Y(100)
40 LINE(0,0)-(639,199),,B
50 LINE(5,3)-(634,196),,B
60 FOR I = 1 TO 5
70 LINE(150-I,60)-(410+I,140),,BF
80 NEXT I
90 FOR I = 1 TO 4
100 LINE(50+I,20)-(50+I,45)
110 NEXT I
120 FOR I = 1 TO 4
130 CIRCLE(54+I,27),17,,PI*15/10,PI*5/10,.4
140 NEXT I
150 FOR I = 1 TO 4
160 CIRCLE(57+I,39),20,,PI*14/10,PI*4/10,.3
170 NEXT I
180 LINE(47,18)-(85,47),,B
190 GET (47,17)-(85,48),B
200 FOR I=1 TO 4
210 CIRCLE(110+I,27),18,,PI*9/10,PI*1/10,1
220 NEXT I
230 LINE(89,18)-(136,47),,B
240 GET(89,17)-(136,48),U
250 FOR I = 1 TO 2
260 LINE(160,20+I)-(205,20+I)
270 NEXT I
280 FOR I = 1 TO 4
290 LINE(181+I,22)-(181+I,45)
300 NEXT I
310 LINE(157,18)-(208,47),,B
320 GET(157,17)-(208,48),T
330 FOR I = 1 TO 2
340 LINE(220,20+I)-(265,20+I)
350 NEXT I
360 FOR I = 1 TO 4
370 LINE(241+I,22)-(241+I,45)
380 NEXT I
390 LINE(217,18)-(268,47),,B
400 FOR I = 1 TO 4
410 LINE(280+I,22)-(280+I,45)
420 NEXT I
430 FOR I = 1 TO 2
440 LINE(282,20+I)-(315,20+I)
450 NEXT I
460 FOR I = 1 TO 2
470 LINE(282,46-I)-(315,46-I)
480 NEXT I
490 FOR I = 1 TO 2
500 LINE (282,34-I)-(305,34-I)
510 NEXT I

```

```

520 LINE(277,18)-(318,47),,B
530 GET (277,17)-(318,48),E
540 FOR I = 1 TO 4
550 LINE (330+I,22)-(330+I,45)
560 NEXT I
570 FOR I = 1 TO 4
580 CIRCLE(334+I,29),18,,PI*15/10,PI*5/10,.4
590 NEXT I
600 FOR I = 1 TO 4
610 LINE (343+I,36)-(357+I,45)
620 NEXT I
630 LINE(326,18)-(385,47),,B
640 GET (326,17)-(385,48),R
650 FOR I = 1 TO 4
660 LINE (377+I,22)-(377+I,45)
670 NEXT I
680 FOR I = 1 TO 2
690 LINE (380,21+I)-(415,21+I)
700 NEXT I
710 FOR I = 1 TO 2
720 LINE (380,31+I)-(405,31+I)
730 NEXT I
740 LINE(374,18)-(418,47),,B
750 GET (374,17)-(418,48),F
760 FOR I = 1 TO 4
770 LINE (430+I,22)-(430+I,45)
780 NEXT I
790 FOR I = 1 TO 2
800 LINE (432,43+I)-(465,43+I)
810 NEXT I
820 LINE(427,18)-(469,47),,B
830 GET(427,17)-(469,48),L
840 FOR I = 1 TO 4
850 LINE (485+I,22)-(505+I,33)
860 NEXT I
870 FOR I = 1 TO 4
880 LINE (522+I,22)-(495+I,45)
890 NEXT I
900 LINE(482,18)-(531,47),,B
910 GET (482,17)-(531,48),Y
920 'KNT=KNT-10
930 KNT=KNT+1
940 'IF KNT= 2 THEN GOTO 1160 ELSE 920
950 FOR I = 1 TO 18
960 PUT(90,20-I),U,PSET:PUT(216,20-I),T,PSET:PUT(325,20-I),R,PSET:
    PUT(426,20-I),L,PSET
970 NEXT I
980 FOR I = 1 TO 18
990 PUT(90,169-I),U,PSET:PUT(216,169-I),T,PSET:PUT(325,169-I),R,PSET:
    PUT(426,169-I),L,PSET
1000 NEXT I
1010 FOR I = 1 TO 18
1020 PUT(47,169-I),B,PSET:PUT(157,169-I),T,PSET:PUT(277,169-I),E,PSET:
    PUT(374,169-I),F,PSET:PUT(482,169-I),Y,PSET
1030 NEXT I

```

```

1040 FOR I = 1 TO 18
1050 PUT(90,I),U,PSET:PUT(216,I),T,PSET:PUT(325,I),R,PSET:PUT(426,I),L,PSET
1060 NEXT I
1070 FOR I = 1 TO 18
1080 PUT(90,150+I),U,PSET:PUT(216,150+I),T,PSET:PUT(325,150+I),R,PSET
      PUT(426,150+I),L,PSET
1090 NEXT I
1100 FOR I = 1 TO 18
1110 PUT(47,20-I),B,PSET:PUT(157,20-I),T,PSET:PUT(277,20-I),E,PSET:
      PUT(374,20-I),F,PSET:PUT(482,20-I),Y,PSET
1120 NEXT I
1130 FOR I = 1 TO 18
1140 PUT(47,150+I),B,PSET:PUT(157,150+I),T,PSET:PUT(277,150+I),E,PSET:
      PUT(374,150+I),F,PSET:PUT(482,150+I),Y,PSET
1150 NEXT I
1160 FOR I = 1 TO 18
1170 PUT(47,I),B,PSET:PUT(157,I),T,PSET:PUT(277,I),E,PSET:PUT(374,I),F,PSET:
      PUT(482,I),Y,PSET
1180 NEXT I
1190 IF KNT=10 THEN GOTO 1200 ELSE 920
1200 COUNT=COUNT+1
1210 IF KNT=10 THEN GOTO 1130 ELSE 861
1220 ON COUNT GOTO 1230,1260,1290,1300,1310,1320,1330,1490
1230 LOCATE 12,29:PRINT " W E L C O M E "
1240 LOCATE 13,34:PRINT " T O "
1250 LOCATE 14,31:PRINT " R H Y M E ":KNT=0:GOTO 930
1260 FOR I = 1 TO 130
1270 LINE(275-I,55)-(286+I,145),0,BF
1280 NEXT I:KNT=0:GOTO 930
1290 LOCATE 8,5:PRINT "Whichever mode you want, just type the letter(s) in the bracket ==>"
1291 LOCATE 10,15:PRINT "(GTMR) for ==> Graphics Text Music Recitation"
1292 LOCATE 12,20:PRINT "(GTM) for ==> Graphics Text Music"
1293 LOCATE 14,25:PRINT "(GT) for ==> Graphics Text"
1294 LOCATE 16,30:PRINT "(TM) for ==> Text Music"
1295 LOCATE 18,35:PRINT "(T) for ==> Text"
1296 LOCATE 20,25:PRINT "(O) for ==> Return to Oppenning Menu"
1297 FOR I = 1 TO 5000
1298 NEXT I
1299 LOCATE 8,70:INPUT MODE$
1300 IF MODE$ = "GTMR" OR MODE$ = "gtmr" THEN CHAIN "but4.bas"
1301 IF MODE$ = "GTM" OR MODE$ = "gtm" THEN CHAIN "but4.bas"
1302 IF MODE$ = "GT" OR MODE$ = "gt" THEN CHAIN "but3.bas"
1303 IF MODE$ = "TM" OR MODE$ = "tm" THEN CHAIN "but2.bas"
1304 IF MODE$ = "T" OR MODE$ = "t" THEN CHAIN "but1.bas"
1305 IF MODE$ = "M" OR MODE$ = "m" THEN CHAIN "OPEN1.BAS"
1306 FOR I = 1 TO 5000
1307 NEXT I
1308 LOCATE 2,15:PRINT "Please type correctly....."
1309 FOR I = 1 TO 5000
1310 NEXT I
1311 LOCATE 2,15:PRINT "
1312 LOCATE 8,70:PRINT "      ":GOTO 1299
1313 END

```

□

PROGRAM NAME : BUT1.BAS
RHYME : "BUTTERFLY, BUTTERFLY"
MODE : TEXT MODE

```

10 CLS:SCREEN 2:KEY OFF
20 PI=22/7
30 DIM B(100),U(100),T(100),E(100),R(100),F(100),L(100),Y(100)
40 LINE(0,0)-(839,199),,B
50 LINE(5,3)-(634,196),,B
60 FOR I = 1 TO 5
70 LINE(100-I,60)-(540+I,140),,BF
80 NEXT I
90 FOR I = 1 TO 4
100 LINE(50+I,20)-(50+I,45)
110 NEXT I
120 FOR I = 1 TO 4
130 CIRCLE(54+I,27),17,,PI*15/10,PI*5/10,.4
140 NEXT I
150 FOR I = 1 TO 4
160 CIRCLE(57+I,39),20,,PI*14/10,PI*4/10,.3
170 NEXT I
180 LINE(47,18)-(85,47),,B
190 GET (47,17)-(85,48),B
200 FOR I = 1 TO 4
210 CIRCLE(110+I,27),18,,PI*9/10,PI*1/10,1
220 NEXT I
230 LINE(89,18)-(136,47),,B
240 GET(89,17)-(136,48),U
250 FOR I = 1 TO 2
260 LINE(160,20+I)-(205,20+I)
270 NEXT I
280 FOR I = 1 TO 4
290 LINE(181+I,22)-(181+I,45)
300 NEXT I
310 LINE(157,18)-(208,47),,B
320 GET(157,17)-(208,48),T
330 FOR I = 1 TO 2
340 LINE(220,20+I)-(265,20+I)
350 NEXT I
360 FOR I = 1 TO 4
370 LINE(241+I,22)-(241+I,45)
380 NEXT I
390 LINE(217,18)-(268,47),,B
400 FOR I = 1 TO 4
410 LINE(280+I,22)-(280+I,45)
420 NEXT I
430 FOR I = 1 TO 2
440 LINE(282,20+I)-(315,20+I)
450 NEXT I
460 FOR I = 1 TO 2
470 LINE(282,46-I)-(315,46 I)
480 NEXT I
490 FOR I = 1 TO 2

```

```

500 LINE (282,34-I)-(305,34-I)
510 NEXT I
520 LINE(277,18)-(318,47),,B
530 GET (277,17)-(318,48),E
540 FOR I = 1 TO 4
550 LINE (330+I,22)-(330+I,45)
560 NEXT I
570 FOR I = 1 TO 4
580 CIRCLE(334+I,29),18,,PI*15/10,PI*5/10,.4
590 NEXT I
600 FOR I = 1 TO 4
610 LINE (343+I,36)-(357+I,45)
620 NEXT I
630 LINE(326,18)-(365,47),,B
640 GET (326,17)-(365,48),R
650 FOR I = 1 TO 4
660 LINE (377+I,22)-(377+I,45)
670 NEXT I
680 FOR I = 1 TO 2
690 LINE (380,21+I)-(415,21+I)
700 NEXT I
710 FOR I = 1 TO 2
720 LINE (380,31+I)-(405,31+I)
730 NEXT I
740 LINE(374,18)-(418,47),,B
750 GET (374,17)-(418,48),F
760 FOR I = 1 TO 4
770 LINE (430+I,22)-(430+I,45)
780 NEXT I
790 FOR I = 1 TO 2
800 LINE (432,43+I)-(465,43+I)
810 NEXT I
820 LINE(427,18)-(469,47),,B
830 GET(427,17)-(469,48),L
840 FOR I = 1 TO 4
850 LINE (485+I,22)-(505+I,33)
860 NEXT I
870 FOR I = 1 TO 4
880 LINE (522+I,22)-(495+I,45)
890 NEXT I
900 LINE(482,18)-(531,47),,B
910 GET (482,17)-(531,48),Y
920 'KNT=KNT-10
930 KNT=KNT+1
940 'IF KNT= 2 THEN GOTO 1160 ELSE 920
950 FOR I = 1 TO 18
960 PUT(90,20-I),U,PSET:PUT(216,20-I),T,PSET:PUT(325,20-I),R,PSET:
    PUT(426,20-I),L,PSET
970 NEXT I
980 FOR I = 1 TO 18
990 PUT(90,169-I),U,PSET:PUT(216,169-I),T,PSET:PUT(325,169-I),R,PSET:
    PUT(426,169-I),L,PSET
1000 NEXT I
1010 FOR I = 1 TO 18

```

```

1020 PUT(47,169-I),B,PSET:PUT(157,169-I),T,PSET:PUT(277,169-I),E,PSET:
      PUT(374,169-I),F,PSET:PUT(482,169-I),Y,PSET
1030 NEXT I
1040 FOR I = 1 TO 18
1050 PUT(90,I),U,PSET:PUT(216,I),T,PSET:PUT(325,I),R,PSET:PUT(426,I),L,PSET
1060 NEXT I
1070 FOR I = 1 TO 18
1080 PUT(90,150+I),U,PSET:PUT(216,150+I),T,PSET:PUT(325,150+I),R,PSET:
      PUT(426,150+I),L,PSET
1090 NEXT I
1100 FOR I = 1 TO 18
1110 PUT(47,20-I),B,PSET:PUT(157,20-I),T,PSET:PUT(277,20-I),E,PSET:
      PUT(374,20-I),F,PSET:PUT(482,20-I),Y,PSET
1120 NEXT I
1130 FOR I = 1 TO 18
1140 PUT(47,150+I),B,PSET:PUT(157,150+I),T,PSET:PUT(277,150+I),E,PSET:
      PUT(374,150+I),F,PSET:PUT(482,150+I),Y,PSET
1150 NEXT I
1160 FOR I = 1 TO 18
1170 PUT(47,I),B,PSET:PUT(157,I),T,PSET:PUT(277,I),E,PSET:PUT(374,I),F,PSET:
      PUT(482,I),Y,PSET
1180 NEXT I
1190 IF KNT=10 THEN GOTO 1200 ELSE 920
1200 COUNT=COUNT+1
1210 'IF KNT=10 THEN GOTO 1130 ELSE 861
1220 ON COUNT GOTO 1260,1290,1300,1310,1320,1330,1340,1380,1420
1230 'LOCATE 12,29:PRINT " W E L C O M E "
1240 'LOCATE 13,34:PRINT " T O "
1250 'LOCATE 14,31:PRINT " R H Y M E "
1260 FOR I= 1 TO 220
1270 LINE(365-I,61)-(276+I,139),0,BF
1280 NEXT I
1290 LOCATE 10,28:PRINT "" "Butterfly, Butterfly,".KNT=0:GOTO 930
1300 LOCATE 12,30:PRINT "From where do you come ?""".KNT=0:GOTO 930
1310 LOCATE 14,28:PRINT "" "I know not, I ask not,".KNT=0:GOTO 930
1320 LOCATE 16,30:PRINT "I never had a home"".KNT=0:GOTO 930
1330 FOR I= 1 TO 175
1340 LINE(336+I,63)-(305-I,137),0,BF
1350 NEXT I
1360 FOR I= 1 TO 50000I
1370 NEXT I
1380 LOCATE 13,32:PRINT " T H A N K Y O U "
1390 FOR I= 1 TO 50000I
1400 NEXT I
1410 LOCATE 13,32:PRINT " "
1420 FOR I= 1 TO 50000I
1430 NEXT I
1440 LOCATE 9,24:PRINT "Press a particular key & then press"
1450 LOCATE 11,29:PRINT "Enter Key...=>"
1460 LOCATE 13,29:PRINT "A for => To Try Again"
1470 LOCATE 15,29:PRINT "M for => Mode Menu"
1480 LOCATE 17,29:PRINT "O for => Openning Menu.."
1490 LOCATE 11,44:INPUT M$
1500 IF M$= "m" OR M$= "M" THEN CHAIN"BUTO.BAS"

```

```
1510 IF M$= "o" OR M$= "O" THEN CHAIN"OPEN1.BAS"
1520 IF M$= "a" OR M$= "A" THEN GOTO 1591
1530 FOR I= 1 TO 50000:
1540 NEXT I
1550 LOCATE 19,30:PRINT "PLEASE TYPE CORRECTLY..."
1560 FOR I= 1 TO 50000:
1570 NEXT I
1580 LOCATE 19,30:PRINT "
1590 LOCATE 11,44:PRINT " ":GOTO 1450
1591 FOR I= 1 TO 220
1592 LINE(365-I,61)-(275+I,139),0,BF
1593 NEXT I:KNT=0:COUNT=0:GOTO 930
1600 END
□
```

PROGRAM NAME : BUT2.BAS
RHYME : "BUTTERFLY, BUTTERFLY"
MODE : TEXT MUSIC

```

10 CLS:SCREEN 2:KEY OFF
20 PI=22/7
30 DIM B(100),U(100),T(100),E(100),R(100),F(100),L(100),Y(100)
40 LINE(0,0)-(639,199),,B
50 LINE(5,3)-(634,196),,B
60 FOR I = 1 TO 5
70 LINE(100-I,60)-(540+I,140),,BF
80 NEXT I
90 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0"
100 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0"
110 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0"
120 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0"
130 FOR I = 1 TO 4
140 LINE(50+I,20)-(50+I,45)
150 NEXT I
160 FOR I = 1 TO 4
170 CIRCLE(54+I,27),17,,PI*15/10,PI*5/10,.4
180 NEXT I
190 FOR I = 1 TO 4
200 CIRCLE(57+I,39),20,,PI*14/10,PI*4/10,.3
210 NEXT I
220 LINE(47,18)-(85,47),,B
230 GET (47,17)-(85,48),B
240 FOR I = 1 TO 4
250 CIRCLE(110+I,27),18,,PI*9/10,PI*1/10,1
260 NEXT I
270 LINE(89,18)-(136,47),,B
280 GET(89,17)-(136,48),U
290 FOR I = 1 TO 2
300 LINE(160,20+I)-(205,20+I)
310 NEXT I
320 FOR I = 1 TO 4
330 LINE(181+I,22)-(181+I,45)
340 NEXT I
350 LINE(157,18)-(208,47),,B
360 GET(157,17)-(208,48),T
370 FOR I = 1 TO 2
380 LINE(220,20+I)-(265,20+I)
390 NEXT I
400 FOR I = 1 TO 4
410 LINE(241+I,22)-(241+I,45)
420 NEXT I
430 LINE(217,18)-(268,47),,B
440 FOR I = 1 TO 4
450 LINE(280+I,22)-(280+I,45)
460 NEXT I
470 FOR I = 1 TO 2
480 LINE(282,20+I)-(315,20+I)
490 NEXT I
  
```

```

500 FOR I = 1 TO 2
510 LINE(282,46-I)-(315,46-I)
520 NEXT I
530 FOR I = 1 TO 2
540 LINE (282,34-I)-(305,34-I)
550 NEXT I
560 LINE(277,18)-(318,47),,B
570 GET (277,17)-(318,48),E
580 FOR I = 1 TO 4
590 LINE (330+I,22)-(330+I,45)
600 NEXT I
610 FOR I = 1 TO 4
620 CIRCLE(334+I,29),18,,PI*15/10,PI*5/10,,4
630 NEXT I
640 FOR I = 1 TO 4
650 LINE (343+I,36)-(357+I,45)
660 NEXT I
670 LINE(326,18)-(365,47),,B
680 GET (326,17)-(365,48),R
690 FOR I = 1 TO 4
700 LINE (377+I,22)-(377+I,45)
710 NEXT I
720 FOR I = 1 TO 2
730 LINE (380,21+I)-(415,21+I)
740 NEXT I
750 FOR I = 1 TO 2
760 LINE (380,31+I)-(405,31+I)
770 NEXT I
780 LINE(374,18)-(418,47),,B
790 GET (374,17)-(418,48),F
800 FOR I = 1 TO 4
810 LINE (430+I,22)-(430+I,45)
820 NEXT I
830 FOR I = 1 TO 2
840 LINE (432,43+I)-(465,43+I)
850 NEXT I
860 LINE(427,18)-(469,47),,B
870 GET(427,17)-(469,48),L
880 FOR I = 1 TO 4
890 LINE (485+I,22)-(505+I,33)
900 NEXT I
910 FOR I = 1 TO 4
920 LINE (522+I,22)-(495+I,45)
930 NEXT I
940 LINE(482,18)-(531,47),,B
950 GET (482,17)-(531,48),Y
960 KNT=KNT+1
970 FOR I = 1 TO 18
980 PUT(90,20-I),U,PSET:PUT(216,20-I),T,PSET:PUT(325,20-I),R,PSET.
    PUT(426,20-I),L,PSET
990 NEXT I
1000 FOR I = 1 TO 18
1010 PUT(90,169-I),U,PSET:PUT(216,169-I),T,PSET:PUT(325,169-I),R,PSET.
    PUT(426,169-I),L,PSET

```

```

1020 NEXT I
1030 FOR I = 1 TO 18
1040 PUT(47,169-I),B,PSET:PUT(157,169-I),T,PSET:PUT(277,169-I),E,PSET
      PUT(374,169-I),F,PSET:PUT(482,169-I),Y,PSET
1050 NEXT I
1060 FOR I = 1 TO 18
1070 PUT(90,I),U,PSET:PUT(216,I),T,PSET:PUT(325,I),R,PSET:PUT(426,I),L,PSET
1080 NEXT I
1090 FOR I = 1 TO 18
1100 PUT(90,150+I),U,PSET:PUT(216,+150+I),T,PSET:PUT(325,150+I),R,PSET:
      PUT(426,150+I),L,PSET
1110 NEXT I
1120 FOR I = 1 TO 18
1130 PUT(47,20-I),B,PSET:PUT(157,20-I),T,PSET:PUT(277,20-I),E,PSET:
      PUT(374,20-I),F,PSET:PUT(482,20-I),Y,PSET
1140 NEXT I
1150 FOR I = 1 TO 18
1160 PUT(47,150+I),B,PSET:PUT(157,150+I),T,PSET:PUT(277,150+I),E,PSET:
      PUT(374,150+I),F,PSET:PUT(482,150+I),Y,PSET
1170 NEXT I
1180 FOR I = 1 TO 18
1190 PUT(47,I),B,PSET:PUT(157,I),T,PSET:PUT(277,I),E,PSET:PUT(374,I),F,PSET:
      PUT(482,I),Y,PSET
1200 NEXT I
1210 LOCATE 12,34:PRINT " W E L C O M E "
1220 LOCATE 13,39:PRINT " T O "
1230 LOCATE 14,36:PRINT " R H Y M E "
1231 FOR I= 1 TO 50000!
1232 NEXT I
1240 FOR I= 1 TO 220
1250 LINE(345-I,61)-(296+I,139),0,BF
1260 NEXT I
1270 KNT=KNT+1
1280 FOR I = 1 TO 18
1290 PUT(90,20-I),U,PSET:PUT(216,20-I),T,PSET:PUT(325,20-I),R,PSET:
      PUT(426,20-I),L,PSET
1300 NEXT I
1310 FOR I = 1 TO 18
1320 PUT(90,169-I),U,PSET:PUT(216,169-I),T,PSET:PUT(325,169-I),R,PSET:
      PUT(426,169-I),L,PSET
1330 NEXT I
1340 FOR I = 1 TO 18
1350 PUT(47,169-I),B,PSET:PUT(157,169-I),T,PSET:PUT(277,169-I),E,PSET:
      PUT(374,169-I),F,PSET:PUT(482,169-I),Y,PSET
1360 NEXT I
1370 FOR I = 1 TO 18
1380 PUT(90,I),U,PSET:PUT(216,I),T,PSET:PUT(325,I),R,PSET:PUT(426,I),L,PSET
1390 NEXT I
1400 FOR I = 1 TO 18
1410 PUT(90,150+I),U,PSET:PUT(216,+150+I),T,PSET:PUT(325,150+I),R,PSET:
      PUT(426,150+I),L,PSET
1420 NEXT I
1430 FOR I = 1 TO 18
1440 PUT(47,20-I),B,PSET:PUT(157,20-I),T,PSET:PUT(277,20-I),E,PSET:

```

```

      PUT(374,20-I),F,PSET:PUT(482,20-I),Y,PSET
1441 NEXT I
1442 FOR I = 1 TO 18
1443 PUT(47,150+I),B,PSET:PUT(157,150+I),T,PSET:PUT(277,150+I),E,PSET.
      PUT(374,150+I),F,PSET:PUT(482,150+I),Y,PSET
1444 NEXT I
1445 FOR I = 1 TO 18
1446 PUT(47,I),B,PSET:PUT(157,I),T,PSET:PUT(277,I),E,PSET:PUT(374,I),F,PSET:
      PUT(482,I),Y,PSET
1447 NEXT I
1450 COUNT= COUNT+1
1460 ON COUNT GOTO 1470,1490,1510,1530,1550,1580,1720
1470 LOCATE 10,23:PRINT ""Butterfly, Butterfly,"
1480 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0":KNT=0:GOTO 1270
1490 LOCATE 12,25:PRINT "From where do you come ?""
1500 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0":KNT=0:GOTO 1270
1510 LOCATE 14,23:PRINT ""I know not, I ask not,"
1520 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0":KNT=0:GOTO 1270
1530 LOCATE 16,25:PRINT "I never had a home"."
1540 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0":KNT=0:GOTO 1270
1550 LOCATE 2,30:PRINT "Press any key to continue"
1560 C$=INPUT $(1)
1570 LOCATE 2,30:PRINT "          "
1580 FOR I= 1 TO 170
1590 LINE(156,63)-(157+I,137),0,BF
1602 LINE(407,63)-(405-I,137),0,BF
1603 NEXT I
1610 FOR I= 1 TO 50000!
1620 NEXT I
1630 LOCATE 13,30:PRINT " T H A N K   Y O U "
1640 FOR I= 1 TO 50000!
1650 NEXT I
1660 LOCATE 13,30:PRINT "          "
1670 FOR I= 1 TO 50000!
1680 NEXT I
1690 LOCATE 9,24:PRINT "Press a particular key & then press"
1700 LOCATE 11,29:PRINT "Enter Key...=>"
1710 LOCATE 13,29:PRINT "A for => To Try Again"
1720 LOCATE 15,29:PRINT "M for => Mode Menu"
1730 LOCATE 17,29:PRINT "O for => Openning Menu.."
1740 LOCATE 11,44:INPUT M$
1750 IF M$= "m" OR M$= "M" THEN CHAIN"BUT0.BAS"
1760 IF M$= "o" OR M$= "O" THEN CHAIN"OPEN1.BAS"
1770 IF M$= "a" OR M$= "A" THEN GOTO 1850
1780 FOR I = 1 TO 50000!
1790 NEXT I
1800 LOCATE 19,30:PRINT "PLEASE TYPE CORRECTLY .."
1810 FOR I = 1 TO 50000!
1820 NEXT I
1830 LOCATE 19,30:PRINT "          "
1840 LOCATE 11,44:PRINT "          ":GOTO 1700
1850 FOR I= 1 TO 220
1860 LINE(365-I,61)-(275+I,139),0,BF
1870 NEXT I KNT=0:COUNT=0:GOTO 960

```

PROGRAM NAME : BUT3.BAS
RHYME : "BUTTERFLY, BUTTERFLY"
MODE : GRAPHICS TEXT

```

10 CLS:KEY OFF:SCREEN 2
20 PI=22/7
30 DIM B1(900),B2(400),B3(400)
40 DIM B(100),U(100),T(100),E(100),R(100),F(100),L(100),Y(100)
50 'LINE (0,0)-(638,198),,B,&H123
60 'LINE (15,5)-(623,193),,B,&H123
70 CIRCLE(80,90),40,,PI*4/10,PI*17/10,.4
80 CIRCLE(85,67),20,,PI*9/10,PI*13/10,.4
90 CIRCLE(32,43),40,,PI*18/10,PI*1/10,.9
100 'CIRCLE(169,68),17,,PI*6/10,PI*8/10,.8
110 'CIRCLE(169,68),17,,PI*2/10,PI*4/10,.8
120 LINE (164,60)-(130,100)
130 LINE (182,63)-(140,102)
140 CIRCLE(136,101),6,,PI*10/10,PI*19/10,.4
150 CIRCLE(174,60),9,,PI*19/10,PI*9/10,.4
160 CIRCLE(78,34),9,,PI*2/10,PI*9/10,.4
170 CIRCLE(57,67),95,,PI*19/10,PI*4/10,.4
180 CIRCLE(193,107),40,,PI*11/10,PI*6/10,.4
190 CIRCLE(215,91),20,,PI*17/10,PI*1/10,.4
200 CIRCLE(295,103),65,,PI*6/10,PI*9/10,.5
210 CIRCLE(275,66),10,,PI*16/10,0,.5
220 CIRCLE(234,108),84,,PI*3/10,PI*8/10,.6
230 CIRCLE(230,67),54,,PI*5/10,PI*8/10,.4
240 CIRCLE(180,55),5
250 CIRCLE(125,45),54,,PI*19/10,PI*2/10,.4
260 CIRCLE(230,90),44,,PI*3/10,PI*8/10,.5
270 CIRCLE(230,90),24,,PI*3/10,PI*8/10,.5
280 LINE (165,82)-(192,78)
290 LINE (165,82)-(209,83)
300 LINE (165,82)-(183,92)
310 LINE (148,95)-(158,114)
320 LINE (156,85)-(167,99)
330 CIRCLE (180,105),15
340 CIRCLE (190,105),25,,PI*15/10,PI*5/10
350 CIRCLE (180,105),5
360 CIRCLE (80,70),56,,0,PI*4/10,.4
370 CIRCLE (80,70),36,,0,PI*4/10,.4
380 LINE (144,80)-(135,70)
390 LINE (144,80)-(118,70)
400 LINE (144,80)-(95,75)
410 LINE(105,103)-(135,94)
420 LINE(113,92)-(143,84)
430 CIRCLE(100,90),15
440 CIRCLE(100,90),5
450 CIRCLE(90,90),25,,PI*5/10,PI*15/10,.4
460 CIRCLE(141,95),7,,PI*9/10,PI*17/10,.4
470 CIRCLE(145,90),7,,PI*9/10,PI*17/10,.4
480 CIRCLE(150,85),7,,PI*9/10,PI*17/10,.4
490 CIRCLE(155,80),8,,PI*9/10,PI*17/10,.4

```

500 CIRCLE(160,75),8,,PI*9/10,PI*17/10,.4
 510 CIRCLE(80,40),7
 520 CIRCLE(265,68),7
 530 GET (33,26)-(295,125),B1
 540 LINE(33,26)-(295,125),0,BF
 550 'Right view of butterfly
 560 CIRCLE(330,170),120,,PI*6/10,PI*8/10,.8
 570 CIRCLE(197,24),120,,PI*16/10,PI*18/10,.8
 580 CIRCLE(297,80),8,,PI*19/10,PI*9/10,.7
 590 CIRCLE(302,79),9,,PI*10/10,PI*16/10,.3
 600 CIRCLE(298,78),2
 610 CIRCLE(285,83),9,,PI*10/10,PI*15/10,.5
 620 CIRCLE(289,81),7,,PI*10/10,PI*15/10,.5
 630 CIRCLE(281,87),10,,PI*10/10,PI*15/10,.5
 640 CIRCLE(278,88),11,,PI*10/10,PI*15/10,.5
 650 CIRCLE(270,92),11,,PI*10/10,PI*15/10,.5
 660 CIRCLE(268,94),11,,PI*10/10,PI*15/10,.5
 670 CIRCLE(262,98),11,,PI*10/10,PI*15/10,.5
 680 CIRCLE(258,100),11,,PI*10/10,PI*15/10,.5
 690 CIRCLE(250,105),9,,PI*10/10,PI*15/10,.5
 700 CIRCLE(229,94),57,,PI*1/10,PI*5/10,.7
 710 CIRCLE(236,64),28,,PI*6/10,PI*9/10,.4
 720 CIRCLE(219,94),33,,PI*8/10,PI*17/10,.4
 730 CIRCLE(163,60),48,,PI*17/10,0,.7
 740 CIRCLE(240,110),77,,PI*3/10,PI*7/10,.4
 750 CIRCLE(220,94),55,,PI*1/10,PI*5/10,.7
 760 CIRCLE(174,57),48,,PI*17/10,0,.7
 770 CIRCLE(229,93),33,,PI*8/10,PI*17/10,.4
 780 CIRCLE(225,93),7
 790 CIRCLE(240,67),7
 800 CIRCLE(257,85),40,,PI*1/10,PI*3/10,.9
 810 CIRCLE(335,85),40,,PI*7/10,PI*9/10,.9
 820 PAINT (225,93),CHR\$(&HAA)
 830 PAINT (240,67),CHR\$(&HCC)
 840 GET (183,51)-(314,117),B2
 850 LINE(183,51)-(314,117),0,BF
 860 'left side view butterfly
 870 CIRCLE(330,165),130,,PI*2/10,PI*4/10,.8
 880 CIRCLE(475,6),130,,PI*12/10,PI*14/10,.8
 890 CIRCLE(366,64),7,,PI*18/10,PI*11/10,.7
 900 CIRCLE(369,58),18,,PI*13/10,PI*15/10,.5
 910 CIRCLE(366,64),2
 920 CIRCLE(374,68),10,,PI*16/10,PI*19/10,.5
 930 CIRCLE(376,69),13,,PI*16/10,PI*19/10,.5
 940 CIRCLE(376,69),17,,PI*16/10,PI*19/10,.5
 950 CIRCLE(382,73),17,,PI*16/10,PI*19/10,.5
 960 CIRCLE(384,75),17,,PI*16/10,PI*19/10,.5
 970 CIRCLE(392,79),17,,PI*16/10,PI*19/10,.5
 980 CIRCLE(394,81),17,,PI*16/10,PI*19/10,.5
 990 CIRCLE(404,86),17,,PI*16/10,PI*19/10,.5
 1000 CIRCLE(406,88),17,,PI*16/10,PI*19/10,.5
 1010 CIRCLE(420,92),57,,PI*4/10,PI*8/10,.8
 1020 CIRCLE(460,107),87,,PI*5/10,PI*8/10,.7
 1030 CIRCLE(416,55),47,,PI*17/10,PI*1/10,.6

```

1040 CIRCLE(394,57),47,,PI*17/10,PI*1/10,.6
1050 CIRCLE(464,82),55,,PI*3/10,PI*9/10,3
1060 CIRCLE(427,101),65,,PI*1/10,PI*5/10,.3
1070 CIRCLE(404,66),95,,PI*16/10,PI*19/10,4
1080 CIRCLE(409,84),95,,PI*16/10,PI*18/10,.2
1090 CIRCLE(494,68),55,,PI*9/10,PI*13/10,4
1100 CIRCLE(443,57),8
1110 CIRCLE(518,58),55,,PI*10/10,PI*13/10,4
1120 CIRCLE(410,55),8
1130 CIRCLE(458,85),8
1140 CIRCLE(318,71),48,,PI*1/10,PI*3/10,.9
1150 CIRCLE(342,72),48,,PI*1/10,PI*3/10,2
1160 PAINT (443,57),CHR$(&HAA)
1170 GET (344,31)-(502,106),B3
1180 LINE(344,31)-(502,106),0,BF
1190 LINE(0,0)-(639,199),,B
1200 LINE(5,3)-(634,196),,B
1210 FOR I = 1 TO 5
1220 NEXT I
1230 FOR I = 1 TO 4
1240 LINE(50+I,20)-(50+I,45)
1250 NEXT I
1260 FOR I = 1 TO 4
1270 CIRCLE(54+I,27),17,,PI*15/10,PI*5/10,.4
1280 NEXT I
1290 FOR I = 1 TO 4
1300 CIRCLE(57+I,39),20,,PI*14/10,PI*4/10,.3
1310 NEXT I
1320 LINE(47,18)-(85,47),,B
1330 GET (47,17)-(85,48),B
1340 FOR I = 1 TO 4
1350 CIRCLE(110+I,27),18,,PI*9/10,PI*1/10,1
1360 NEXT I
1370 LINE(89,18)-(136,47),,B
1380 GET(89,17)-(136,48),U
1390 FOR I = 1 TO 2
1400 LINE(160,20+I)-(205,20+I)
1410 NEXT I
1420 FOR I = 1 TO 4
1430 LINE(181+I,22)-(181+I,45)
1440 NEXT I
1450 LINE(157,18)-(208,47),,B
1460 GET(157,17)-(208,48),T
1470 FOR I = 1 TO 2
1480 LINE(220,20+I)-(265,20+I)
1490 NEXT I
1500 FOR I = 1 TO 4
1510 LINE(241+I,22)-(241+I,45)
1520 NEXT I
1530 LINE(217,18)-(268,47),,B
1540 FOR I = 1 TO 4
1550 LINE(280+I,22)-(280+I,45)
1560 NEXT I
1570 FOR I = 1 TO 2

```

```

1580 LINE((282,20+I)-(315,20+I)
1590 NEXT I
1600 FOR I = 1 TO 2
1610 LINE((282,46-I)-(315,46-I)
1620 NEXT I
1630 FOR I = 1 TO 2
1640 LINE ((282,34-I)-(305,34-I)
1650 NEXT I
1660 LINE((277,18)-(318,47),,B
1670 GET ((277,17)-(318,48),E
1680 FOR I = 1 TO 4
1690 LINE ((330+I,22)-(330+I,45)
1700 NEXT I
1710 FOR I = 1 TO 4
1720 CIRCLE(334+I,29),18,,PI*15/10,PI*5/10,.4
1730 NEXT I
1740 FOR I = 1 TO 4
1750 LINE ((343+I,36)-(357+I,45)
1760 NEXT I
1770 LINE(326,18)-(365,47),,B
1780 GET (326,17)-(365,48),R
1790 FOR I = 1 TO 4
1800 LINE ((377+I,22)-(377+I,45)
1810 NEXT I
1820 FOR I = 1 TO 2
1830 LINE ((380,21+I)-(415,21+I)
1840 NEXT I
1850 FOR I = 1 TO 2
1860 LINE ((380,31+I)-(405,31+I)
1870 NEXT I
1880 LINE(374,18)-(418,47),,B
1890 GET (374,17)-(418,48),F
1900 FOR I = 1 TO 4
1910 LINE ((430+I,22)-(430+I,45)
1920 NEXT I
1930 FOR I = 1 TO 2
1940 LINE ((432,43+I)-(465,43+I)
1950 NEXT I
1960 LINE(427,18)-(469,47),,B
1970 GET(427,17)-(469,48),L
1980 FOR I = 1 TO 4
1990 LINE ((485+I,22)-(505+I,33)
2000 NEXT I
2010 FOR I = 1 TO 4
2020 LINE ((522+I,22)-(495+I,45)
2030 NEXT I
2040 LINE(482,18)-(531,47),,B
2050 GET (482,17)-(531,48),Y
2060 FOR J = 1 TO 5
2070 FOR I = 1 TO 18
2080 PUT(90,20-I),U,PSET:PUT(216,20-I),T,PSET:PUT(325,20-I),R,PSET
      PUT(426,20-I),L,PSET
2090 NEXT I
2100 FOR I = 1 TO 18

```

```

2110 PUT(90,169-I),U,PSET:PUT(216,169-I),T,PSET:PUT(325,169-I),R,PSET
      PUT(426,169-I),L,PSET
2120 NEXT I
2130 FOR I = 1 TO 18
2140 PUT(47,169-I),B,PSET:PUT(157,169-I),T,PSET:PUT(277,169-I),E,PSET
      PUT(374,169-I),F,PSET:PUT(482,169-I),Y,PSET
2150 NEXT I
2160 FOR I = 1 TO 18
2170 PUT(90,I),U,PSET:PUT(216,I),T,PSET:PUT(325,I),R,PSET:PUT(426,I),L,PSET
2180 NEXT I
2190 FOR I = 1 TO 18
2200 PUT(90,150+I),U,PSET:PUT(216,+150+I),T,PSET:PUT(325,150+I),R,PSET:PUT(426,150+I),L,PSET
2210 NEXT I
2220 FOR I = 1 TO 18
2230 PUT(47,20-I),B,PSET:PUT(157,20-I),T,PSET:PUT(277,20-I),E,PSET:
      PUT(374,20-I),F,PSET:PUT(482,20-I),Y,PSET
2240 NEXT I
2250 FOR I = 1 TO 18
2260 PUT(47,150+I),B,PSET:PUT(157,150+I),T,PSET:PUT(277,150+I),E,PSET:
      PUT(374,150+I),F,PSET:PUT(482,150+I),Y,PSET
2270 NEXT I
2280 FOR I = 1 TO 18
2290 PUT(47,I),B,PSET:PUT(157,I),T,PSET:PUT(277,I),E,PSET:PUT(374,I),F,PSET:
      PUT(482,I),Y,PSET
2300 NEXT I
2310 NEXT J
2320 KNT=KNT+1
2330 ON KNT GOTO 2340,2660,2930,3150,3400
2340 PUT(50,60),B1
2350 FOR I = 1 TO 50000I
2360 NEXT I
2370 LINE(50,60)-(304,161),0,BF
2380 PUT(250,60),B1
2390 FOR I = 1 TO 10000I
2400 NEXT I
2410 LINE(250,60)-(504,161),0,BF
2420 FOR I = 1 TO 50
2430 PUT(25+2*I,50+I),B2,PSET
2440 NEXT I
2450 FOR I = 1 TO 50
2460 PUT(125+2*I,100-I),B2,PSET
2470 NEXT I
2480 FOR I = 1 TO 50
2490 PUT(225+2*I,50+I),B2,PSET
2500 NEXT I
2510 FOR I = 1 TO 50
2520 PUT(325+2*I,100-I),B2,PSET
2530 NEXT I
2540 FOR I = 1 TO 25
2550 PUT(425+2*I,50+I),B2,PSET
2560 NEXT I
2570 FOR I = 1 TO 5000
2580 NEXT I

```

```

2590 LOCATE 13,31:PRINT "" Butterfly, butterfly ,"
2600 FOR I = 1 TO 100000!
2610 NEXT I
2620 FOR I = 1 TO 10000
2630 NEXT I
2640 LOCATE 13,31:PRINT "
2650 LINE(475,75)-(605,141),0,BF:GOTO 2060
2660 FOR I = 1 TO 40
2670 PUT(450-2*I,50+I),B3,PSET
2680 NEXT I
2690 FOR I = 1 TO 40
2700 PUT(370-2*I,90-I),B3,PSET
2710 NEXT I
2720 FOR I = 1 TO 40
2730 PUT(290-2*I,50+I),B3,PSET
2740 NEXT I
2750 FOR I = 1 TO 40
2760 PUT(210-2*I,90-I),B3,PSET
2770 NEXT I
2780 FOR I = 1 TO 40
2790 PUT(130-2*I,50+I),B3,PSET
2800 NEXT I
2810 FOR I = 1 TO 20
2820 PUT(50-2*I,90-I),B3,PSET
2830 NEXT I
2840 FOR I = 1 TO 5000
2850 NEXT I
2860 LOCATE 13,20:PRINT " From where do you come ? ""
2870 FOR I = 1 TO 50000!
2880 NEXT I
2890 LINE(15,70)-(163,160),0,BF
2900 LOCATE 13,20:PRINT " ":GOTO 2060
2910 FOR I = 1 TO 50000!
2920 NEXT I
2930 FOR I = 1 TO 50
2940 PUT(25+2*I,50+I),B2,PSET
2950 NEXT I
2960 FOR I = 1 TO 50
2970 PUT(125+2*I,100-I),B2,PSET
2980 NEXT I
2990 FOR I = 1 TO 50
3000 PUT(225+2*I,50+I),B2,PSET
3010 NEXT I
3020 FOR I = 1 TO 50
3030 PUT(325+2*I,100-I),B2,PSET
3040 NEXT I
3050 FOR I = 1 TO 25
3060 PUT(425+2*I,50+I),B2,PSET
3070 NEXT I
3080 FOR I = 1 TO 10000!
3090 NEXT I
3100 LOCATE 13,30 PRINT "" I know not, I ask not,"
3110 FOR I = 1 TO 100000!
3120 NEXT I

```

```

3130 LOCATE 13,30:PRINT "
3140 LINE(475,75)-(605,141),0,BF:GOTO 2060
3150 FOR I= 1 TO 40
3160 PUT(450-2*I,50+I),B3,PSET
3170 NEXT I
3180 FOR I= 1 TO 40
3190 PUT(370-2*I,90-I),B3,PSET
3200 NEXT I
3210 FOR I= 1 TO 40
3220 PUT(290-2*I,50+I),B3,PSET
3230 NEXT I
3240 FOR I= 1 TO 40
3250 PUT(210-2*I,90-I),B3,PSET
3260 NEXT I
3270 FOR I= 1 TO 40
3280 PUT(130-2*I,50+I),B3,PSET
3290 NEXT I
3300 FOR I= 1 TO 20
3310 PUT(50-2*I,90-I),B3,PSET
3320 NEXT I
3330 FOR I= 1 TO 5000
3340 NEXT I
3350 LOCATE 13,20:PRINT " I never had a home "
3360 FOR I= 1 TO 100000I
3370 NEXT I
3380 LOCATE 13,20:PRINT "
3390 LINE(15,70)-(163,160),0,BF:GOTO 2060
3400 FOR J= 1 TO 10
3410 FOR I= 1 TO 30
3420 PUT(70,68+I),B2,PSET
3430 NEXT I
3440 FOR I= 1 TO 30
3450 PUT(70,88-I),B2,PSET
3460 PUT(440,50+I),B3,PSET
3470 NEXT I
3480 FOR I= 1 TO 30
3490 PUT(440,80-I),B3,PSET
3500 NEXT I
3510 NEXT J
3520 CNT= CNT+1
3530 ON CNT GOTO 3540,3550,3560,3570,3580,3610,3620,3630,3640,3650
3540 LOCATE 10,28:PRINT ""Butterfly, Butterfly,"":GOTO 3400
3550 LOCATE 12,30:PRINT "From where do you come ?"":GOTO 3400
3560 LOCATE 14,28:PRINT ""I know not, I ask not,"":GOTO 3400
3570 LOCATE 16,30:PRINT "I never had a home."":GOTO 3400
3580 LOCATE 19,30:PRINT "Press any key to continue..."
3590 C$=INPUT $(1)
3600 LOCATE 19,30:PRINT "":GOTO 3400
3610 LOCATE 10,28:PRINT "":GOTO 3400
3620 LOCATE 12,30:PRINT "":GOTO 3400
3630 LOCATE 14,28:PRINT "":GOTO 3400
3640 LOCATE 16,30:PRINT "":GOTO 3400
3650 LOCATE 14,35:PRINT "T H A N K Y O U "
3660 PT= PT + 1

```

```

3670 LOCATE 18,30:PRINT "No of Practice .PT
3680 LOCATE 19,30:PRINT "Press any key to continue ."
3690 C$=INPUT $(1)
3700 IF PT= 10 THEN GOTO 3760 ELSE 3710
3710 LOCATE 19,30:PRINT "
3720 FOR I = 1 TO 320
3730 LINE(10,50)-(12+I,164),0,BF:LINE(630-I,50)-(628,165),0,BF
3740 NEXT I
3750 LOCATE 18,30:PRINT "          ":KNT=0:CNT=0:GOTO 2060
3760 LOCATE 9,24:PRINT "Press a particular key & then press"
3770 LOCATE 11,29:PRINT "Enter Key....=>"
3780 LOCATE 13,29:PRINT "A for => To Try Again"
3790 LOCATE 15,29:PRINT "M for => Mode Menu"
3800 LOCATE 17,29:PRINT "O for => Opening Menu"
3810 LOCATE 11,44:INPUT M$
3811 IF M$= "M" OR M$="m" THEN CHAIN"but0.bas"
3812 IF O$= "M" OR M$="o" THEN CHAIN"open1.bas"
3813 IF M$= "A" OR M$="a" THEN GOTO 3821
3814 FOR I= 1 TO 50000I
3815 NEXT I
3816 LOCATE 19,30:PRINT "PLEASE TYPE CORRECTLY..."
3817 FOR I= 1 TO 50000I
3818 NEXT I
3819 LOCATE 19,30:PRINT "
3820 LOCATE 11,44:PRINT "          ":GOTO 3810
3821 FOR I= 1 TO 220
3822 LINE(365-I,61)-(275+I,139),0,BF
3823 NEXT I:KNT=0:COUNT=0:GOTO 2060
3824 END
□

```

PROGRAM NAME : BUT4.BAS
RHYME : "BUTTERFLY, BUTTERFLY"
MODE : GRAPHICS TEXT MUSIC MODE

```

10 CLS:KEY OFF:SCREEN 2
20 PI=22/7
30 DIM B1(900),B2(400),B3(400)
40 DIM B(100),U(100),T(100),E(100),R(100),F(100),L(100),Y(100)
50 'LINE (0,0)-(638,198),,B,&H123
60 'LINE (15,5)-(623,193),,B,&H123
70 CIRCLE(80,90),40,,PI*4/10,PI*17/10,.4
80 CIRCLE(85,67),20,,PI*9/10,PI*13/10,.4
90 CIRCLE(32,43),40,,PI*18/10,PI*1/10,.9
100 'CIRCLE(169,68),17,,PI*6/10,PI*8/10,.8
110 'CIRCLE(169,68),17,,PI*2/10,PI*4/10,.8
120 LINE (164,60)-(130,100)
130 LINE (182,63)-(140,102)
140 CIRCLE(138,101),8,,PI*10/10,PI*19/10,.4
150 CIRCLE(174,60),9,,PI*19/10,PI*9/10,.4
160 CIRCLE(78,34),9,,PI*2/10,PI*9/10,.4
170 CIRCLE(57,67),95,,PI*19/10,PI*4/10,.4
180 CIRCLE(193,107),40,,PI*11/10,PI*6/10,.4
190 CIRCLE(215,91),20,,PI*17/10,PI*1/10,.4
200 CIRCLE(295,103),65,,PI*6/10,PI*9/10,.5
210 CIRCLE(275,66),10,,PI*16/10,0,.5
220 CIRCLE(234,108),84,,PI*3/10,PI*8/10,.6
230 CIRCLE(230,67),54,,PI*5/10,PI*8/10,.4
240 CIRCLE(180,55),5
250 CIRCLE(125,45),54,,PI*19/10,PI*2/10,.4
260 CIRCLE(230,90),44,,PI*3/10,PI*8/10,.5
270 CIRCLE(230,90),24,,PI*3/10,PI*8/10,.5
280 LINE (165,82)-(192,78)
290 LINE (165,82)-(209,83)
300 LINE (165,82)-(183,92)
310 LINE (148,95)-(158,114)
320 LINE (156,85)-(167,99)
330 CIRCLE (180,105),15
340 CIRCLE (190,105),25,,PI*15/10,PI*5/10
350 CIRCLE (180,105),5
360 CIRCLE (80,70),56,,0,PI*4/10,.4
370 CIRCLE (80,70),36,,0,PI*4/10,.4
380 LINE (144,80)-(135,70)
390 LINE (144,80)-(118,70)
400 LINE (144,80)-(95,75)
410 LINE(105,103)-(135,94)
420 LINE(113,92)-(143,84)
430 CIRCLE(100,90),15
440 CIRCLE(100,90),5
450 CIRCLE(90,90),25,,PI*5/10,PI*15/10,.4
460 CIRCLE(141,95),7,,PI*9/10,PI*17/10,.4
470 CIRCLE(145,90),7,,PI*9/10,PI*17/10,.4
480 CIRCLE(150,85),7,,PI*9/10,PI*17/10,.4
490 CIRCLE(155,80),8,,PI*9/10,PI*17/10,.4

```

500 CIRCLE(160,75),8,,PI*9/10,PI*17/10,.4
 510 CIRCLE(90,40),7
 520 CIRCLE(285,68),7
 530 GET (33,26)-(295,125),B1
 540 LINE(33,26)-(295,125),0,BF
 550 'Right view of butterfly
 560 CIRCLE(330,170),120,,PI*6/10,PI*8/10,.8
 570 CIRCLE(197,24),120,,PI*16/10,PI*18/10,.8
 580 CIRCLE(297,80),8,,PI*19/10,PI*9/10,.7
 590 CIRCLE(302,79),9,,PI*10/10,PI*18/10,.3
 600 CIRCLE(298,78),2
 610 CIRCLE(285,83),9,,PI*10/10,PI*15/10,.5
 620 CIRCLE(289,81),7,,PI*10/10,PI*15/10,.5
 630 CIRCLE(281,87),10,,PI*10/10,PI*15/10,.5
 640 CIRCLE(278,88),11,,PI*10/10,PI*15/10,.5
 650 CIRCLE(270,92),11,,PI*10/10,PI*15/10,.5
 660 CIRCLE(268,94),11,,PI*10/10,PI*15/10,.5
 670 CIRCLE(262,98),11,,PI*10/10,PI*15/10,.5
 680 CIRCLE(258,100),11,,PI*10/10,PI*15/10,.5
 690 CIRCLE(250,105),9,,PI*10/10,PI*15/10,.5
 700 CIRCLE(229,94),57,,PI*1/10,PI*5/10,.7
 710 CIRCLE(236,64),28,,PI*6/10,PI*9/10,.4
 720 CIRCLE(219,94),33,,PI*8/10,PI*17/10,.4
 730 CIRCLE(163,60),48,,PI*17/10,0,.7
 740 CIRCLE(240,110),77,,PI*3/10,PI*7/10,.4
 750 CIRCLE(220,94),55,,PI*1/10,PI*5/10,.7
 760 CIRCLE(174,57),48,,PI*17/10,0,.7
 770 CIRCLE(229,93),33,,PI*8/10,PI*17/10,.4
 780 CIRCLE(225,93),7
 790 CIRCLE(240,67),7
 800 CIRCLE(257,85),40,,PI*1/10,PI*3/10,.9
 810 CIRCLE(335,85),40,,PI*7/10,PI*9/10,.9
 820 PAINT (225,93),CHR\$(&HAA)
 830 PAINT (240,67),CHR\$(&HCC)
 840 GET (183,51)-(314,117),B2
 850 LINE(183,51)-(314,117),0,BF
 860 'left side view butterfly
 870 CIRCLE(330,165),130,,PI*2/10,PI*4/10,.8
 880 CIRCLE(475,6),130,,PI*12/10,PI*14/10,.8
 890 CIRCLE(366,64),7,,PI*18/10,PI*11/10,.7
 900 CIRCLE(369,58),18,,PI*13/10,PI*15/10,.5
 910 CIRCLE(366,64),2
 920 CIRCLE(374,68),10,,PI*16/10,PI*19/10,.5
 930 CIRCLE(376,69),13,,PI*16/10,PI*19/10,.5
 940 CIRCLE(376,69),17,,PI*16/10,PI*19/10,.5
 950 CIRCLE(382,73),17,,PI*16/10,PI*19/10,.5
 960 CIRCLE(384,75),17,,PI*16/10,PI*19/10,.5
 970 CIRCLE(392,79),17,,PI*16/10,PI*19/10,.5
 980 CIRCLE(394,81),17,,PI*16/10,PI*19/10,.5
 990 CIRCLE(404,86),17,,PI*16/10,PI*19/10,.5
 1000 CIRCLE(406,88),17,,PI*16/10,PI*19/10,.5
 1010 CIRCLE(420,92),57,,PI*4/10,PI*8/10,.8
 1020 CIRCLE(460,107),87,,PI*5/10,PI*8/10,.7
 1030 CIRCLE(416,55),47,,PI*17/10,PI*1/10,.6

```

1040 CIRCLE(394,57),47,,PI*17/10,PI*1/10,.6
1050 CIRCLE(464,92),55,,PI*3/10,PI*9/10,.3
1060 CIRCLE(427,101),65,,PI*1/10,PI*5/10,.3
1070 CIRCLE(404,66),95,,PI*16/10,PI*19/10,.4
1080 CIRCLE(409,84),95,,PI*16/10,PI*18/10,.2
1090 CIRCLE(494,68),55,,PI*9/10,PI*13/10,.4
1100 CIRCLE(443,57),8
1110 CIRCLE(518,58),55,,PI*10/10,PI*13/10,.4
1120 'CIRCLE(410,55),8
1130 CIRCLE(458,85),8
1140 CIRCLE(318,71),48,,PI*1/10,PI*3/10,.9
1150 CIRCLE(342,72),48,,PI*1/10,PI*3/10,.2
1160 PAINT (443,57),CHR$(&HAA)
1170 GET (344,31)-(502,106),B3
1180 LINE(344,31)-(502,106),0,BF
1190 LINE(0,0)-(639,199),,B
1200 LINE(5,3)-(634,196),,B
1210 FOR I = 1 TO 5
1220 NEXT I
1230 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0"
1240 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0"
1250 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0"
1260 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0"
1270 FOR I = 1 TO 4
1280 LINE(50+I,20)-(50+I,45)
1290 NEXT I
1300 FOR I = 1 TO 4
1310 CIRCLE(54+I,27),17,,PI*15/10,PI*5/10,.4
1320 NEXT I
1330 FOR I = 1 TO 4
1340 CIRCLE(57+I,39),20,,PI*14/10,PI*4/10,.3
1350 NEXT I
1360 LINE(47,18)-(85,47),,B
1370 GET (47,17)-(85,48),B
1380 FOR I = 1 TO 4
1390 CIRCLE(110+I,27),18,,PI*9/10,PI*1/10,1
1400 NEXT I
1410 LINE(89,18)-(136,47),,B
1420 GET(89,17)-(136,48),U
1430 FOR I = 1 TO 2
1440 LINE(160,20+I)-(205,20+I)
1450 NEXT I
1460 FOR I = 1 TO 4
1470 LINE(181+I,22)-(181+I,45)
1480 NEXT I
1490 LINE(157,18)-(208,47),,B
1500 GET(157,17)-(208,48),T
1510 FOR I = 1 TO 2
1520 LINE(220,20+I)-(265,20+I)
1530 NEXT I
1540 FOR I = 1 TO 4
1550 LINE(241+I,22)-(241+I,45)
1560 NEXT I
1570 LINE(217,18)-(268,47),,B

```

```
1580 FOR I = 1 TO 4
1590 LINE(280+I,22)-(280+I,45)
1600 NEXT I
1610 FOR I = 1 TO 2
1620 LINE(282,20+I)-(315,20+I)
1630 NEXT I
1640 FOR I = 1 TO 2
1650 LINE(282,46-I)-(315,46-I)
1660 NEXT I
1670 FOR I = 1 TO 2
1680 LINE (282,34-I)-(305,34-I)
1690 NEXT I
1700 LINE(277,18)-(318,47),,B
1710 GET (277,17)-(318,48),E
1720 FOR I = 1 TO 4
1730 LINE (330+I,22)-(330+I,45)
1740 NEXT I
1750 FOR I = 1 TO 4
1760 CIRCLE(334+I,29),18,,PI*15/10,PI*5/10,.4
1770 NEXT I
1780 FOR I = 1 TO 4
1790 LINE (343+I,36)-(357+I,45)
1800 NEXT I
1810 LINE(326,18)-(365,47),,B
1820 GET (326,17)-(365,48),R
1830 FOR I = 1 TO 4
1840 LINE (377+I,22)-(377+I,45)
1850 NEXT I
1860 FOR I = 1 TO 2
1870 LINE (380,21+I)-(415,21+I)
1880 NEXT I
1890 FOR I = 1 TO 2
1900 LINE (380,31+I)-(405,31+I)
1910 NEXT I
1920 LINE(374,18)-(418,47),,B
1930 GET (374,17)-(418,48),F
1940 FOR I = 1 TO 4
1950 LINE (430+I,22)-(430+I,45)
1960 NEXT I
1970 FOR I = 1 TO 2
1980 LINE (432,43+I)-(465,43+I)
1990 NEXT I
2000 LINE(427,18)-(469,47),,B
2010 GET(427,17)-(469,48),L
2020 FOR I = 1 TO 4
2030 LINE (485+I,22)-(505+I,33)
2040 NEXT I
2050 FOR I = 1 TO 4
2060 LINE (522+I,22)-(495+I,45)
2070 NEXT I
2080 LINE(482,18)-(531,47),,B
2090 GET (482,17)-(531,48),Y
2100 FOR J = 1 TO 5
2110 FOR I = 1 TO 18
```

```

2120 PUT(90,20-I),U,PSET:PUT(216,20-I),T,PSET:PUT(325,20-I),R,PSET:
    PUT(426,20-I),L,PSET
2130 NEXT I
2140 FOR I = 1 TO 18
2150 PUT(90,169-I),U,PSET:PUT(216,169-I),T,PSET:PUT(325,169-I),R,PSET:
    PUT(426,169-I),L,PSET
2160 NEXT I
2170 FOR I = 1 TO 18
2180 PUT(47,169-I),B,PSET:PUT(157,169-I),T,PSET:PUT(277,169-I),E,PSET:
    PUT(374,169-I),F,PSET:PUT(482,169-I),Y,PSET
2190 NEXT I
2200 FOR I = 1 TO 18
2210 PUT(90,I),U,PSET:PUT(216,I),T,PSET:PUT(325,I),R,PSET:PUT(426,I),L,PSET
2220 NEXT I
2230 FOR I = 1 TO 18
2240 PUT(90,150+I),U,PSET:PUT(216,+150+I),T,PSET:PUT(325,150+I),R,PSET:
    PUT(426,150+I),L,PSET
2250 NEXT I
2260 FOR I = 1 TO 18
2270 PUT(47,20-I),B,PSET:PUT(157,20-I),T,PSET:PUT(277,20-I),E,PSET:
    PUT(374,20-I),F,PSET:PUT(482,20-I),Y,PSET
2280 NEXT I
2290 FOR I = 1 TO 18
2300 PUT(47,150+I),B,PSET:PUT(157,150+I),T,PSET:PUT(277,150+I),E,PSET:
    PUT(374,150+I),F,PSET:PUT(482,150+I),Y,PSET
2310 NEXT I
2320 FOR I = 1 TO 18
2330 PUT(47,I),B,PSET:PUT(157,I),T,PSET:PUT(277,I),E,PSET:PUT(374,I),F,PSET:
    PUT(482,I),Y,PSET
2340 NEXT I
2350 NEXT J
2360 KNT=KNT+1
2370 ON KNT GOTO 2380,2740,3010,3270,3520
2380 PUT(50,60),B1
2390 FOR I = 1 TO 50000I
2400 NEXT I
2410 LINE(50,60)-(304,161),0,BF
2420 PUT(250,60),B1
2430 FOR I = 1 TO 10000I
2440 NEXT I
2450 LINE(250,60)-(504,161),0,BF
2460 FOR I = 1 TO 50
2470 PUT(25+2*I,50+I),B2,PSET
2480 NEXT I
2490 FOR I = 1 TO 50
2500 PUT(125+2*I,100-I),B2,PSET
2510 NEXT I
2520 FOR I = 1 TO 50
2530 PUT(225+2*I,50+I),B2,PSET
2540 NEXT I
2550 FOR I = 1 TO 50
2560 PUT(325+2*I,100-I),B2,PSET
2570 NEXT I
2580 FOR I = 1 TO 25

```

```

2590 PUT(425+2*I,50+I),B2,PSET
2600 NEXT I
2610 FOR I = 1 TO 5000
2620 NEXT I
2630 LOCATE 13,31:PRINT "" Butterfly, butterfly ,"
2640 FOR I = 1 TO 100000!
2650 NEXT I
2660 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0"
2670 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0"
2680 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0"
2690 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0"
2700 FOR I = 1 TO 10000
2710 NEXT I
2720 LOCATE 13,31:PRINT " "
2730 LINE(475,75)-(605,141),0,BF:GOTO 2100
2740 FOR I= 1 TO 40
2750 PUT(450-2*I,50+I),B3,PSET
2760 NEXT I
2770 FOR I= 1 TO 40
2780 PUT(370-2*I,90-I),B3,PSET
2790 NEXT I
2800 FOR I= 1 TO 40
2810 PUT(290-2*I,50+I),B3,PSET
2820 NEXT I
2830 FOR I= 1 TO 40
2840 PUT(210-2*I,90-I),B3,PSET
2850 NEXT I
2860 FOR I= 1 TO 40
2870 PUT(130-2*I,50+I),B3,PSET
2880 NEXT I
2890 FOR I= 1 TO 20
2900 PUT(50-2*I,90-I),B3,PSET
2910 NEXT I
2920 FOR I = 1 TO 5000
2930 NEXT I
2940 LOCATE 13,20:PRINT " From where do you come ? ""
2950 FOR I = 1 TO 50000!
2960 NEXT I
2970 LINE(15,70)-(163,160),0,BF
2980 LOCATE 13,20:PRINT " "":GOTO 2100
2990 FOR I = 1 TO 50000!
3000 NEXT I
3010 FOR I = 1 TO 50
3020 PUT(25+2*I,50+I),B2,PSET
3030 NEXT I
3040 FOR I = 1 TO 50
3050 PUT(125+2*I,100-I),B2,PSET
3060 NEXT I
3070 FOR I = 1 TO 50
3080 PUT(225+2*I,50+I),B2,PSET
3090 NEXT I
3100 FOR I = 1 TO 50
3110 PUT(325+2*I,100-I),B2,PSET
3120 NEXT I

```

```

3130 FOR I = 1 TO 25
3140 PUT(425+2*I,50+I),B2,PSET
3150 NEXT I
3160 FOR I = 1 TO 5000
3170 NEXT I
3180 LOCATE 13,30:PRINT "" I know not, I ask not,"
3190 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0"
3200 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0"
3210 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0"
3220 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0"
3230 FOR I = 1 TO 5000
3240 NEXT I
3250 LOCATE 13,30:PRINT "
3260 LINE(475,75)-(605,141),0,BF:GOTO 2100
3270 FOR I = 1 TO 40
3280 PUT(450-2*I,50+I),B3,PSET
3290 NEXT I
3300 FOR I = 1 TO 40
3310 PUT(370-2*I,90-I),B3,PSET
3320 NEXT I
3330 FOR I = 1 TO 40
3340 PUT(290-2*I,50+I),B3,PSET
3350 NEXT I
3360 FOR I = 1 TO 40
3370 PUT(210-2*I,90-I),B3,PSET
3380 NEXT I
3390 FOR I = 1 TO 40
3400 PUT(130-2*I,50+I),B3,PSET
3410 NEXT I
3420 FOR I = 1 TO 20
3430 PUT(50-2*I,90-I),B3,PSET
3440 NEXT I
3450 FOR I = 1 TO 5000
3460 NEXT I
3470 LOCATE 13,20:PRINT " I never had a home "."
3480 FOR I = 1 TO 100000I
3490 NEXT I
3500 LOCATE 13,20:PRINT "
3510 LINE(15,70)-(163,160),0,BF:GOTO 2100
3520 FOR J = 1 TO 10
3530 FOR I = 1 TO 30
3540 PUT(70,58+I),B2,PSET
3550 NEXT I
3560 FOR I = 1 TO 30
3570 PUT(70,88-I),B2,PSET
3580 PUT(440,50+I),B3,PSET
3590 NEXT I
3600 FOR I = 1 TO 30
3610 PUT(440,80-I),B3,PSET
3620 NEXT I
3630 NEXT J
3640 CNT= CNT+1
3650 ON CNT GOTO 3660,3680,3700,3720,3740,3780,3800,3820,3840,3850
3660 LOCATE 10,28:PRINT "" Butterfly, Butterfly,"

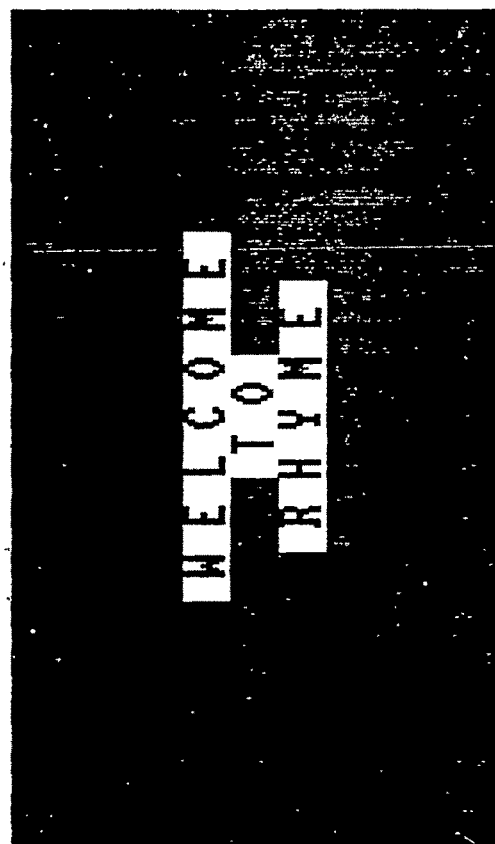
```

```

3670 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0":GOTO 3520
3680 LOCATE 12,30:PRINT "From where do you come ?""
3690 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0":GOTO 3520
3700 LOCATE 14,28:PRINT ""I know not, I ask not,"
3710 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0":GOTO 3520
3720 LOCATE 16,30:PRINT "I never had a home."
3730 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0":GOTO 3520
3740 LOCATE 19,30:PRINT "Press any key to continue..."
3750 C$=INPUT $(1)
3760 LOCATE 19,30:PRINT "
3770 PLAY"mb l6 n35 l6n32 l5n37 l6 n32 l5 n37 n0":GOTO 3520
3780 LOCATE 10,28:PRINT "
3790 PLAY"mb l6 n37n37n37 n35n35 n34n34 l5n32 n0":GOTO 3520
3800 LOCATE 12,30:PRINT "
3810 PLAY"mb l6 n34n35 l4 n37 l6n34n35 l4n32 n0":GOTO 3520
3820 LOCATE 14,28:PRINT "
3830 PLAY"mb l6 n30 l6 n32 l6 n35 n37 l5 n35 n0":GOTO 3520
3840 LOCATE 16,30:PRINT "":GOTO 3520
3850 LOCATE 14,35:PRINT "T H A N K Y O U "
3860 PT= PT + 1
3870 LOCATE 18,30:PRINT "No of Practice .."PT
3880 LOCATE 19,30:PRINT "Press any key to continue.."
3890 C$=INPUT $(1)
3900 IF PT= 1 THEN GOTO 3910 ELSE 3910
3910 LOCATE 19,30:PRINT "
3920 LOCATE 14,35:PRINT "
3930 FOR I = 1 TO 320
3940 LINE(10,50)-(12+I,164),0,BF:LINE(630-I,50)-(628,165),0,BF
3950 NEXT I
3960 LOCATE 9,24:PRINT "Press a particular key & then press"
3970 LOCATE 11,29:PRINT "Enter Key...=>"
3980 LOCATE 13,29:PRINT "A for => To Try Again"
3990 LOCATE 15,29:PRINT "M for => Mode Menu"
4000 LOCATE 17,29:PRINT "O for => Openning Menu.."
4010 LOCATE 11,44:INPUT M$
4020 IF M$= "m" OR M$= "M" THEN CHAIN"BUT0.BAS"
4030 IF M$= "o" OR M$= "O" THEN CHAIN"OPEN1.BAS"
4040 IF M$= "a" OR M$= "A" THEN GOTO 4120
4050 FOR I = 1 TO 50000!
4060 NEXT I
4070 LOCATE 19,30:PRINT "PLEASE TYPE CORRECTLY..."
4080 FOR I = 1 TO 50000!
4090 NEXT I
4100 LOCATE 19,30:PRINT "
4110 LOCATE 11,44:PRINT "":GOTO 3970
4120 FOR I= 1 TO 220
4130 LINE(365-I,61)-(275+I,139),0,BF
4140 NEXT I:KNT=0:CNT=0:GOTO 2100
4150 END
□

```

BUTTERFLY



BUTTERFLY

OUTPUT OF THE RHYME MODE

BUTTERFLY

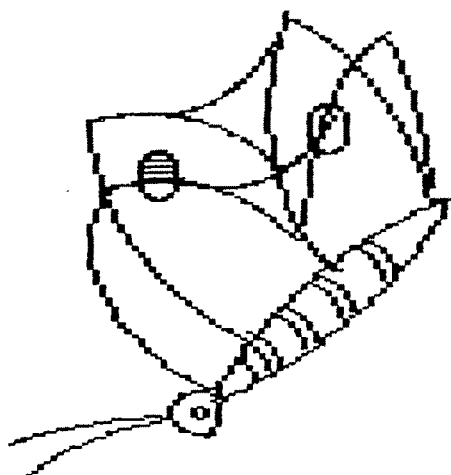
"Butterfly, Butterfly,
From where do you come?"
"I know not, I ask not,
I never had a home";

Break in 1170
Ok

BUTTERFLY

OUTPUT OF TEXT MODE

B U T T E R F L Y



"Butterfly, Butterfly,
From where do you come?"
"I know not, I ask not,
I never had a home."

Press any key to continue...

B U T T E R F L Y

' OUTPUT OF GRAPHICS TEXT MODE