

CONVERSION MUSICAL

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1 DIM MU(1000),N(15):RESTORE 10000:FOR I
  1 TO 15:READ J:W(1)=J:NEXT I:FOR I=0 TO
  5:READ J:L(I)=J:NEXT I
2 MODE 1:INK 0,1:INK 1,26:INK 2,13:INK 3
  0:PAPER 0:PEN 1:BORDER 1
3 RESTORE 10100:FOR I=1 TO 20:READ X$:LO
  CAT 1,I:PRINT X$:NEXT I
4 X$=INKEY$:IF X$="" THEN 7 ELSE CLS
10 SYMBOL AFTER 200
12 SYMBOL 200,60,102,105,129,129,106,102
  ,60
14 SYMBOL 201,62,99,193,129,129,104,230,
  188
16 SYMBOL 202,126,126,126,128,128,129,12
  8,128
18 SYMBOL 203,128,128,128,128,128,128,12
  8,0
20 SYMBOL 204,62,127,255,255,255,254,254
  ,188
22 SYMBOL 205,128,128,128,128,129,130,25
  4,0
24 SYMBOL 206,128,128,130,254,129,130,25
  4,0
26 SYMBOL 207,61,103,195,129,129,195,102
  ,60
28 SYMBOL 208,1,1,1,1,1,1,1,1
30 SYMBOL 209,0,1,1,1,1,1,1
32 SYMBOL 210,0,248,4,2,0,0,0,0
34 SYMBOL 211,0,248,4,2,0,248,4,2
36 SYMBOL 212,61,127,255,255,255,255,128
  ,60
38 SYMBOL 213,16,8,12,12,14,14,30,28
40 SYMBOL 214,12,4,6,30,60,56,24,4
42 SYMBOL 215,0,25,82,82,28,4,8,8
44 SYMBOL 216,8,16,16,32,32,64,64,0
46 SYMBOL 217,0,9,20,14,32,36,116,56
48 SYMBOL 218,0,0,0,0,255,255,255,255
50 SYMBOL 219,255,255,255,255,0,0,0,0
52 SYMBOL 220,96,96,110,118,102,102,104,
  112
60 GOTO 100
90 PRINT#1,CHR$(22)+CHR$(0):PAPER #1,2:P
  EN #1,3:CLS #1:FOR I=216 TO 344 STEP 32:
  PLOT 16,I:DRAW# 850,0,3:NEXT I:RETURN
100 WINDOW #1,2,40,1,15:GOSUB 90:PRINT#1
  ,CHR$(22)+CHR$(1)
110 WINDOW #2,1,40,23,25:PAPER #2,3:PEN
  #2,2:CLS #2
200 FOR I=4 TO 16 STEP 2:LOCATE 1,16:PRI
  NT CHR$(206):LOCATE 1,17:PRINT CHR$(206)
  :NEXT I:LOCATE 15,16:PRINT CHR$(210):LO
  CAT 15,16:PRINT CHR$(210):LOCATE 17,16:P
  RINT CHR$(211):LOCATE 19,16:PRINT CHR$(2
  11)
202 LOCATE 2,18:PRINT CHR$(208):" ":CHR$
  (207):" ":CHR$(207):" ":FOR I=0 TO 16 ST
  EP 4:LOCATE 1,18:PRINT CHR$(212):" ":CHR
  $(212):" ":NEXT I
204 LOCATE 25,17:PRINT CHR$(218):" ":CHR
  $(219):" ":CHR$(213):" ":CHR$(215):" ":C
  HR$(217):LOCATE 29,18:PRINT CHR$(214):"
  ":CHR$(216):" ":CHR$(216)
999 CO=0:NN=1
1000 IF CO>37 THEN CO=0:FOR I=1 TO 1000:
  NEXT I:PRINT#1,CHR$(22)+CHR$(0):CLS #1:G
  OSUB 90:PRINT#1,CHR$(22)+CHR$(1)
1001 NN=NN+1:CO=CO+2:LOCATE #2,10,2:PRIN
  T #2,"1:NOTA 2:PAUSA 3:MENU"

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1002 X$=INKEY$:IF X$="" THEN 1002 ELSE I
  F X$="1" THEN 8000 ELSE IF X$="2" THEN 1
  500 ELSE IF X$="3" THEN 5000 ELSE 1002
1500 CLS #2:LOCATE 25,20:PRINT CHR$(94):
  PF=25
1502 WHILE INKEY(47)<>0
1504 IF INKEY(1)=0 THEN IF PF+2>33 THEN
  1510 ELSE PF+PF+2:1=2:GOSUB 1550
1506 IF INKEY(8)=0 THEN IF PF+2<25 THEN
  1510 ELSE PF+PF-2:1=2:GOSUB 1550
1508 FOR I=0 TO 100:NEXT I
1510 WEND
1520 LOCATE PF,20:PRINT " ":PRINT #1,CHR
  $(22)+CHR$(1):1=(PF-25)/2+1:ON I GOSUB 1
  600,1650,1700,1750,1800
1522 MU(NN)=L(PF-25)
1530 PRINT CHR$(22)+CHR$(0):GOTO 1000
1550 LOCATE PF-1,20:PRINT " ":LOCATE PF,2
  0:PRINT CHR$(94):RETURN
1600 LOCATE #1,CO,8:PRINT #1,CHR$(218):R
  ETURN
1650 LOCATE #1,CO,8:PRINT #1,CHR$(219):R
  ETURN
1700 LOCATE #1,CO,7:PRINT #1,CHR$(213):L
  OCATE #1,CO,8:PRINT #1,CHR$(214):RETURN
1750 LOCATE #1,CO,7:PRINT #1,CHR$(215):L
  OCATE #1,CO,8:PRINT #1,CHR$(216):RETURN
1800 LOCATE #1,CO,7:PRINT #1,CHR$(217):L
  OCATE #1,CO,8:PRINT #1,CHR$(218):RETURN
1850 LOCATE 1,TN:PRINT CHR$(159):LOCATE
  1,TN-1:PRINT " ":RETURN
2000 CLS#2:LOCATE 10,20:PRINT CHR$(94):P
  F=10
2002 WHILE INKEY(47)<>0
2004 IF INKEY(1)=0 THEN IF PF+2>18 THEN
  2020 ELSE PF+PF+2:1=2:GOSUB 1550
2006 IF INKEY(8)=0 THEN IF PF+2<2 THEN 2
  020 ELSE PF+PF-2:1=2:GOSUB 1550
2010 FOR I=1 TO 100:NEXT I
2020 WEND
2021 LO=L((PF-2)/2):11=PF/2
2022 LOCATE PF,20:PRINT " ":LOCATE 1,8:PR
  INT CHR$(159):TN=8:FOR I=1 TO 100:NEXT I
  2023 FOR I=1 TO 300:NEXT I
2024 WHILE INKEY(47)<>0
2026 IF INKEY(2)=0 THEN IF TN+1>15 THEN
  2050 ELSE TN+TN+1:1=1:GOSUB 1990
2028 IF INKEY(0)=0 THEN IF TN-1<1 THEN 2
  050 ELSE TN=TN-1:1=1:GOSUB 1990
2030 FOR I=1 TO 100:NEXT I
2040 WEND
2070 LOCATE 1,TN:PRINT " ":LOCATE #2,7,2:
  PRINT#2,"1:MODUL 2:NORMAL 3:OSTENIDO"
2080 X$=INKEY$:IF X$="" THEN 2080 ELSE I
  F X$="1" THEN 2085 ELSE IF X$="2" THEN 2
  085 ELSE IF X$="3" THEN 2090 ELSE 2080
2085 IF INT(N(TN-1))-N(TN-1) THEN TO=N(T
  N-1) ELSE TO=(N(TN-1))-INT(N(TN-1)):1000
2086 LOCATE #1,CO-1,TN:PRINT#1,CHR$(220)
2087 GOTO 2087
2090 TO=(N(TN))-INT(N(TN)):1000:LOCATE #
  1,CO-1,TN:PRINT#1,CHR$(35):GOTO 2087
2095 TO=INT(N(TN))
2097 SOUND 1,T0,LO*1000,7:MU(NN)=T0+LO:C
  L=2
2100 IF TN>7 THEN 2120
2102 ON 11 GOSUB 3150,3200,3200,3300,330
  0,3400,3400,3500,3500

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2110 GOTO 2130
2120 ON 11 GOSUB 3150,3600,3600,3700,370
0,3800,3900,3900,3900
2130 IF 11/2=11/2 THEN GOSUB 3190
2140 GOTO 1000
3150 LOCATE #1,co,tn:PRINT#1,CHR$(200):R
ETURN
3190 LOCATE #1,co+1,tn:PRINT#1,"-":RETUR
N
3200 LOCATE #1,co,tn:PRINT#1,CHR$(201):L
OCATE #1,co,tn+1:PRINT#1,CHR$(202):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(203):RETURN
3300 LOCATE #1,co,tn:PRINT#1,CHR$(204):L
OCATE #1,co,tn+1:PRINT#1,CHR$(202):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(203):RETURN
3400 LOCATE #1,co,tn:PRINT#1,CHR$(204):L
OCATE #1,co,tn+1:PRINT#1,CHR$(202):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(203):RETURN
3500 LOCATE #1,co,tn:PRINT#1,CHR$(204):L
OCATE #1,co,tn+1:PRINT#1,CHR$(202):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(203):RETURN
3600 LOCATE #1,co,tn:PRINT#1,CHR$(207):L
OCATE #1,co,tn+1:PRINT#1,CHR$(208):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(209):RETURN
3700 LOCATE #1,co,tn:PRINT#1,CHR$(212):L
OCATE #1,co,tn+1:PRINT#1,CHR$(208):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(209):RETURN
3800 LOCATE #1,co,tn:PRINT#1,CHR$(213):L
OCATE #1,co,tn+1:PRINT#1,CHR$(208):LOCAT
E #1,co,tn+2:PRINT#1,CHR$(209):LOCATE #1
,co+1,tn+2:PRINT#1,CHR$(211):RETURN
5000 CLS#2:LOCATE #2,9,1:PRINT#2,"1:TOCA

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R      4:CONTINUAR":LOCATE #2,9,2:PRINT#
2,"2:LISTAR      5:FINALIZAR":LOCATE#2,9,
3:PRINT#2,"3:EMPEZAR"
5001 X$=INKEY$:IF X$<"1" OR X$>"5" THEN
5001
5002 CLS#2:ON VAL(X$) GOTO 5009,5030,504
0,5060,5080
5009 FOR I=0 TO MN
5010 TO=INT(MU(I)):LO=(MF(I)-INT(MU(I)))
*1000:SOUND 1,70,LO,7
5020 NEXT I:GOTO 5000
5030 FOR J=0 TO MN
5032 PRINT#3,INT(MU(J)):(MU(J)-INT(MU(J)
)):1000:"      ":NEXT J:GOTO 5000
5040 RUN 100
5050 CLS#2:GOTO 1000
5060 CLS:RUN
10000 DATA 127,142,134,159,150,179,169,1
90,213,201,239,225,253,284,269,319,301,3
58,338,379,428,492,478,481,508
10002 DATA 180,,120,,080,,060,,040,,030
,,020,,015,,010
10100 DATA "      "      MUSICA",," Con
este programa podras traducir par-", "tit
ulas al lenguaje del AMSTRAD.", " Los pas
os a seguir son los siguientes:"
10102 DATA " 1-Elegir nota o pausa", " 2-E
legir la duracion de la nota o pausa", "
3-Elegir posicion en la partitura", " 4-Y
ultimo decir si la nota es normal", " ,be
mol o sostenida."
10104 DATA, " Para mover los cursores de
eleccion u-", "tiliza las teclas del curs
or y para ha-", "cer la eleccion utiliza
la barra espa-", "ciadora", " , , , , ,
PULSA TECLA PARA COMENZAR"

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