

10 REM ** MUSCULOS **

20 REM *

30 REM ** ANGEL GARCIA **

40 REM *

50 REM ** G. T. S. **

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60 REM
70 INK 0,0:INK 1,26:INK 2,8
80 BORDER 0:PAPER 0:PEN 1
90 MODE 0
100 ORIGIN 310,200
110 FOR A=0 TO 2*PI STEP PI/50
120 PLOT 0,0,2:DRAW SIN(A)*((150+RND*180),COS(A)*((80+RND*160)
130 NEXT A
140 PRINT CHR$(22);CHR$(1)
150 SPEED INK 30,30
160 LOCATE 7,13:PEN 1:PRINT "MUSCULOS"
170 INK 2,8,0
180 RESTORE 1020
190 READ A,B:IF A=-1 THEN GOTO 180
200 F=440*(2^(B/12)):T=ROUND(12500/F)
210 SOUND 1,T*5,A*10,15
220 SOUND 2,T*3,A*10,15
230 IF INKEY$<>" " THEN 250
240 GOTO 190
250 REM *** MENU ***
260 MODE 1
270 INK 3,11
280 INK 2,8
290 ORIGIN 0,0:DRAWR 600,0,1:DRAWR 0,399:DRAWR -600,0:DRAWR 0,-399
300 WINDOW 8,32,6,25
310 PRINT " ":PRINT " "
320 PEN 3:PRINT "**** ELIGE TU OPCION ****"
330 PRINT " "
340 PEN 1:PRINT "      1. CUESTIONARIO"
350 PRINT " "
360 PRINT "      2. LISTAR DATOS"
370 PRINT " "
380 PRINT "      3. TERMINAR"
390 PRINT " "
400 PRINT " "
410 PEN 3:PRINT"*****"
420 IF INKEY(64)=0 THEN GOTO 460
430 IF INKEY(65)=0 THEN GOTO 880
440 IF INKEY(57)=0 THEN MODE 1:CALL 0
450 GOTO 420
460 REM **** CUESTIONARIO ****
470 MODE 1:INK 1,26:INK 2,20:INK 3,8
480 FOR P=1 TO 20
490 MODE 1:PEN 1:PRINT"***** MUSCULOS DEL CUERPO HUMANO *****"
500 N=INT (RND*3)
510 IF N=0 THEN RESTORE 960
520 IF N=1 THEN RESTORE 980
530 IF N=2 THEN RESTORE 1000
540 READ R$,NN:NN=INT(RND*NN):FOR Z=0 TO NN:READ I$:NEXT Z
550 PEN 3:PRINT " "
560 PRINT"PREGUNTA:";P;TAB(17);"MUSCULO: ";I$
570 PRINT " ":PEN 2
580 PRINT " "
590 PRINT "A QUE PARTE PARTE DEL CUERPO CORRESPONDE";:PRINT " ":PRINT "
    EL MUSCULO CITADO:"
600 PRINT" ":PRINT " "
610 PEN 3:PRINT " (PULSA 1,2 o 3)"
620 PEN 1:PRINT " "
630 PRINT" ":PRINT "      1. CABEZA (Y CUELLO)"
640 PRINT" ":PRINT "      2. TRONCO (TORAX-ABDOMEN)"

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650 PRINT " ":PRINT "          3. EXTREMIDADES"
660 SOUND 1,100,10
670 REM
680 IF INKEY(64)=0 THEN NR=0:GOTO 720
690 IF INKEY(65)=0 THEN NR=1:GOTO 720
700 IF INKEY(57)=0 THEN NR=2:GOTO 720
710 GOTO 670
720 PEN 2:PRINT " ":PRINT " ":IF NR=N THEN PRINT "!!!CORRECTO!!! LA RESPUESTA ES
";R$:FOR B=1 TO 3:FOR A=15 TO 0 STEP -1:INK 0,A:SOUN
D 1,A,1:NEXT A,B:AC=AC+1
730 IF NR<>N THEN PRINT "INCORRECTO. LA RESPUESTA ERA ";R$:SOUND 1,600,100:FOR A
=1 TO 100:PLOT RND*600,RND*400:NEXT A
740 NEXT P
750 MODE 0:FOR A=1 TO 15:INK A,27-A:NEXT A
760 PEN 5:PRINT "**** RESULTADOS ****"
770 PRINT " ":PRINT " "
780 PEN 2:PRINT " ACIERTOS.....";AC
790 PRINT " "
800 PEN 3:PRINT " FALLOS.....";20-AC
810 PRINT " ":PRINT " ":PRINT " "
820 PEN 1:PRINT " PORCENTAJE:";AC*5;"%"
830 PRINT " ":PRINT " ":PRINT " "
840 PRINT "*****"
850 FOR A=0 TO 100:A$=INKEY$:SOUND 1,A,1,15:NEXT A
860 IF INKEY$=""THEN 860
870 GOTO 250
880 MODE 2:RESTORE 960
890 FOR A=1 TO 3
900 READ A$,N
910 PRINT "- ";A$;": ":PRINT " "
920 FOR B=1 TO N:READ B$:PRINT " ";B$,:NEXT B
930 PRINT " ":PRINT " ":PRINT " "
940 NEXT A
950 GOTO 850
960 DATA CABEZA,9
970 DATA TEMPORAL,MASETERO,PTERIGOIDEO,ORBICULAR,SUPERCILIAR,BUCCINADOR,LINGUAL,
ESTERNOCLEIDOMASTOIDEO,CUTANEO
980 DATA TRONCO,8
990 DATA PECTORAL,SERRATO,INTERCOSTAL,RECTO,OBLICUO,TRANSVERSO,CUADRADO,DIAFRAGM
A
1000 DATA EXTREMIDADES,18
1010 DATA DELTOIDES,SUPRAESPINOSO,INFRAESPINOSO,REDONDO,SUBESCAPULAR,BICEPS,TRIC
EPS,BRAQUIAL,CUBITAL,RADIAL,SUPINADOR,EXTENSORES,FLE
XORES,SARTORIO,SEMITENDINOSO,TIBIAL,PERONEOS,GEMELOS
1020 DATA 8,4,4,5,4,7,4,7,4,5,4,4,4,2,4,0,4,0,4,2,4,4,8,4,2,2,8,2,8,4,4,5,4,7,4,
7,4,5,4,4,4,2,4,0,4,0,4,2,4,4,8,2,2,0,9,0
1030 DATA -1,-1

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