

Q.C.M V.2

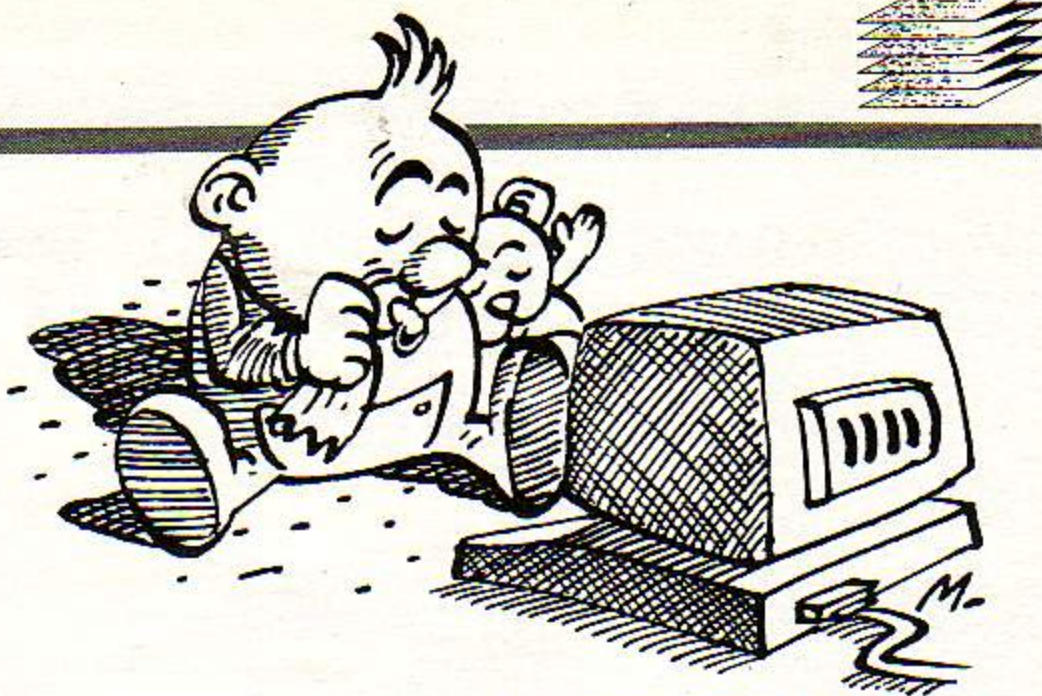
On est jamais mieux servi que par soi-même... Si vous ne trouvez pas l'éducatif qui vous convient ou que vous vouliez vous créer des séquences de révision, QCM peut vous aider. QCM est un programme de création de "Questionnaires à Choix Multiples". Il vous propose cinq phases principales : création des

questionnaires, sauvegarde d'une série de questions, chargement d'une série préalablement préparée (et sauvegardée) exécution d'un QCM avec évaluation du résultat global, impression des séries pour garder des traces écrites des différents sujets informatisés. La sixième option permet la sortie définitive du logiciel. Très simple à utiliser, QCM est auto-documenté. Pour tous CPC.

```

10 '##### [2378]
#####
20 '##### Q . C . M . ##### [1423]
#####
30 '##### PAR ##### [2481]
#####
40 '##### JEAN-PIERRE BENAIS ##### [2546]
#####
50 '##### Version 2.0 ##### [2081]
#####
60 '##### $ 1987 $ ##### [2584]
#####
70 '##### [2378]
#####
80 ' [117]
90 GOTO 1580 [319]
100 DIM q$(50),ra$(50),rb$(50),rc$ [3814]
(50),rd$(50),re$(50),br$(50),n(50)
110 u=0:aa=0:a=0:MODE 1:INK 1,24:P [2511]
APER 4
120 CLS:LOCATE 3,8:PEN 3:PRINT"1-" [5893]
:LOCATE 6,8:PEN 1:PRINT"CREER UNE
SERIE DE Q.C.M.
130 LOCATE 3,10:PEN 3:PRINT"2-":LO [4670]
CATE 6,10:PEN 1:PRINT"SAUVER UNE S
ERIE DE Q.C.M.
140 LOCATE 3,12:PEN 3:PRINT"3-":LO [4384]
CATE 6,12:PEN 1:PRINT"CHARGER UNE
SERIE DE Q.C.M.
150 LOCATE 3,14:PEN 3:PRINT"4-":LO [4847]
CATE 6,14:PEN 1:PRINT"EXECUTER UNE
SERIE DE Q.C.M.
160 LOCATE 3,16:PEN 3:PRINT"5-":LO [6432]
CATE 6,16:PEN 1:PRINT"IMPRESSION D
E LA SERIE DE Q.C.M.
170 LOCATE 3,18:PEN 3:PRINT"6-":LO [3536]
CATE 6,18:PEN 1:PRINT"FIN
180 WINDOW#1,1,40,1,3:PEN#1,0:PAPE [4466]
R#1,2:CLS#1:LOCATE#1,18,2:PRINT#1,
"MENU
190 LOCATE 19,24:PRINT"VOTRE CHOIX [1971]
200 ch$="":ch$=INKEY$:IF ch$<>"1" [6085]
AND ch$<>"2" AND ch$<>"3" AND ch$<
>"4" AND ch$<>"5" AND ch$<>"6" THE
N 200

```



```

210 ON VAL(ch$) GOTO 230,550,690,8 [2489]
50,1150,1450
220 ' [117]
230 '##### [1391]
*****
240 '* CREATION D'UNE SERIE DE Q [1856]
CM *
250 '##### [1391]
*****
260 ' [117]
270 MODE 2 [513]
280 CLS:WINDOW#2,1,80,1,3 [1200]
290 nq=0:PRINT CHR$(7):LOCATE 22,1 [3642]
3:INPUT"Nombre de questions ",nq
300 IF nq>50 THEN CLS:PRINT CHR$(7 [7414]
):LOCATE 7,12:PRINT"50 questions s
eulement !!!":FOR i=1 TO 1000:NEXT
:GOTO 280
310 PRINT CHR$(7):LOCATE 13,13:PRI [6634]
NT"Nombre de reponses possibles pa
r question (3.4.5)
320 nrp$="":WHILE nrp$<>"3" AND nr [3688]
p$<>"4" AND nrp$<>"5":nrp$=INKEY$:
WEND
330 FOR n=1 TO nq [695]
340 CLS:CLS#2:PEN#2,2:PAPER#2,1:LO [3487]
CATE#2,28,2:PRINT#2,"CREATION DE Q
.C.M.
350 LOCATE 5,5:PRINT"QUESTION ";n; [1992]
"
360 LOCATE 7,7:LINE INPUT "-> ",q$ [2080]
(n)
370 PEN 1:PRINT:LINE INPUT "REPONS [2794]
E a) ",ra$(n)
380 PRINT:LINE INPUT "REPONSE b) " [3114]
,rb$(n)
390 PRINT:LINE INPUT "REPONSE c) " [4533]
,rc$(n):IF nrp$="3" THEN 420
400 PRINT:LINE INPUT "REPONSE d) ", [4097]
,rd$(n):IF nrp$="4" THEN 430
410 PRINT:LINE INPUT "REPONSE e) " [4983]
,re$(n):IF nrp$="5" THEN 440
420 PRINT:PRINT "La bonne reponse [2817]
est (a,b ou c)":GOTO 450
430 PRINT:PRINT "La bonne reponse [3381]
est (a,b,c ou d)":GOTO 450
440 PRINT:PRINT "La bonne reponse [2897]
est (a,b,c,d ou e)
450 br$(n)="":WHILE br$(n)<>"a" AN [5576]
D br$(n)<>"b" AND br$(n)<>"c" AND
br$(n)<>"d" AND br$(n)<>"e":br$(n)
=LOWER$(INKEY$):WEND

```



```

460 IF nrp$="3" THEN IF br$(n)="d" [17573]
    OR br$(n)="e" THEN PRINT CHR$(7):
CLS:LOCATE 5,5:PRINT"QUESTION ";n;
":q$(n):PEN 1:PRINT"REPONSE a)
";ra$(n):PRINT"REPONSE b) ";rb$(n)
:PRINT"REPONSE c) "+rc$(n):PRINT:P
RINT "La bonne reponse est (a,b ou
c)":GOTO 450
470 IF nrp$="4" THEN IF br$(n)="e" [1680]
    THEN 530
480 LOCATE 14,24:PRINT"APPUYEZ SUR [4336]
    <ESPACE> POUR VALIDER,SINON AUTRE
    TOUCHE
490 v$=INKEY$:IF v$="" THEN 490 EL [4047]
    SE IF v$="" THEN 500 ELSE CLS:n=n
    -1:GOTO 500
500 NEXT [350]
510 CLS:LOCATE 32,13:PRINT"CREATIO [3598]
    N TERMINEE !!":FOR i=1 TO 1000:NEX
520 GOTO 110 [423]
530 PRINT CHR$(7):CLS:LOCATE 5,5:P [15047]
    RINT"QUESTION ";n;":q$(n):PEN 1
    :PRINT"REPONSE a) ";ra$(n):PRINT"R
    EPONSE b) ";rb$(n):PRINT"REPONSE c
    ) ";rc$(n):PRINT"REPONSE d) ";rc$(
    n):PRINT:PRINT "La bonne reponse e
    st (a,b,c ou d)":GOTO 450
540 ' [117]
550 '***** [1391]
*****
560 '* SAUVEGARDE D'UNE SERIE DE [1609]
    QCM *
570 '***** [1391]
*****
580 ' [117]
590 CLS:MODE 2:WINDOW#2,1,80,1,3 [1559]
600 CLS:CLS#2:PEN#2,2:PAPER#2,1:LO [3219]
    CATE#2,28,2:PRINT#2,"SAUVEGARDE D'
    UNE SERIE
610 PEN 1:LOCATE 51,13:PRINT STRIN [9579]
    G$(8,"."):LOCATE 15,13:INPUT"NOM D
    U QUESTIONNAIRE A SAUVEGARDER: ",n
    om$:IF nom$="" THEN 610 ELSE IF LE
    N(nom$)>8 THEN 620 ELSE 630
620 CLS:SOUND 1,372,100,15:PRINT " [6089]
    8 lettres seulement !!":FOR i=1 TO
    1000:NEXT:GOTO 610
630 nom$=nom$+".QCM" [962]
640 OPENOUT nom$ [828]
650 FOR n=1 TO nq:WRITE#9,q$(n),ra [4485]
    $(n),rb$(n),rc$(n),rd$(n),re$(n),b
    r$(n):NEXT:CLOSEOUT
660 CLS:LOCATE 30,14:PRINT"SAUVEGA [4877]
    RDE FINIE ...":FOR I=1 TO 1000:NEX
    T
670 GOTO 110 [423]
680 ' [117]
690 '***** [1391]
*****
700 '* CHARGER UNE SERIE DE QCM [976]
    *
710 '***** [1391]

720 ' [117]
730 CLS:MODE 2:WINDOW#2,1,80,1,3 [1559]
740 CLS:PEN#2,2:PAPER#2,1:CLS#2:LO [5095]
    CATE#2,24,2:PRINT#2,"CHARGEMENT D'
    UNE SERIE DE Q.C.M.
750 PEN 1:LOCATE 20,24:PRINT "APPU [5396]
    YEZ SUR @ POUR CATALOGUER LA D
    ISQUETTE
760 PEN 1:LOCATE 37,12:PRINT STRIN [10931]
    G$(8,"."):LOCATE 9,12:INPUT "NOM D
    E LA SERIE A CHARGER: ",nom$:IF n
    om$="" OR LEN(nom$)>8 THEN CLS:PRI
    NT CHR$(7):GOTO 730 ELSE IF NOM$=""
    @ THEN 770 ELSE 790
770 PEN 1:CLS:PEN#2,2:PAPER#2,1:CL [5989]
    S#2:LOCATE#2,27,2:PRINT#2,"CATALOG
    UE DE LA DISQUETTE":LOCATE 5,10:ID
    IR,"*.QCM"
780 LOCATE 17,24:PRINT"APPUYER SUR [6277]
    UNE TOUCHE POUR LA PAGE PRECEDENT
    E":PT$=INKEY$:IF PT$="" THEN 780 E
    LSE 730
790 nom$=nom$+".qcm":OPENIN nom$ [2390]
800 n=0 [233]
810 WHILE NOT EOF:n=n+1:INPUT#9,q$ [7399]
    (n),ra$(n),rb$(n),rc$(n),rd$(n),re
    $(n),br$(n):WEND:CLOSEIN
820 nq=n:CLS:LOCATE 32,13:PRINT"SE [6025]
    RIE CHARGE !!":PRINT CHR$(7):FOR
    i=1 TO 1000:NEXT
830 GOTO 110 [423]
840 ' [117]
850 '***** [1391]
*****
860 '* EXECUTION D'UNE SERIE DE Q [2376]
    CM *
870 '***** [1391]
*****
880 ' [117]
890 br=0:FOR n=1 TO nq:CLS:MODE 2: [1701]
    WINDOW#2,1,80,1,3
900 u=u+1 [168]
910 aa=0:RANDOMIZE TIME:a=INT(RND* [4485]
    60):IF a=0 OR a>nq THEN 910 ELSE n
    (u)=a
920 uu=u:FOR u=1 TO uu-1:IF a=n(u) [2873]
    AND aa=0 THEN aa=1
930 NEXT:IF aa=1 THEN 910 [1131]
940 CLS:CLS#2:PEN#2,2:PAPER#2,1:LO [6181]
    CATE#2,28,2:PRINT#2,"EXECUTION D'U
    NE SERIE DE Q.C.M.":LOCATE 22,5:PR
    INT "QUESTION NUMERO ";n
950 LOCATE 7,8:PRINT"-> ":LOCATE 1 [3703]
    0,8:PRINT USING "&";q$(a)
960 PRINT:PRINT USING "&";"a) ";ra [1642]
    $(a)
970 PRINT:PRINT USING "&";"b) ";rb [1670]
    $(a)
980 PRINT:PRINT USING "&";"c) ";rc [1849]
    $(a)
990 IF rd$(a)<>"" THEN PRINT:PRINT [2782]
    USING "&";"d) ";rd$(a)

```



```

1000 IF re$(a)<>" THEN PRINT:PRIN [2894]
T USING "&";"e) ";re$(a)
1010 PRINT:PRINT:PRINT"Votre repon [2196]
se
1020 r$="":WHILE r$="":r$=UPPER$(I [3518]
NKEY$):WEND
1030 PEN 1:IF r$<>"A" AND r$<>"B" [3499]
AND r$<>"C" AND r$<>"D" AND r$<>"E
" THEN GOTO 1060
1040 IF r$="D" AND rd$(a)=" THEN [1239]
1060
1050 IF r$="E" AND re$(a)=" THEN [2836]
1060 ELSE 1070
1060 PEN 3:SOUND 1,358,100,15:GOTO [1629]
1020
1070 IF r$=UPPER$(br$(a)) THEN CLS [6566]
:br=br+1:MODE 1:LOCATE 12,13:PRINT
"REPONSE EXACTE !!":FOR i=1 TO 10
00:NEXT:GOTO 1090 ELSE 1080
1080 MODE 1:PEN 3:LOCATE 8,13:PEN [7904]
3:SOUND 1,239,100:PRINT "LA BONNE
REPONSE EST : ";UPPER$(br$(a)):PEN
1:FOR i=1 TO 1000:NEXT
1090 NEXT [350]
1100 MODE 1:CLS:LOCATE 2,12:PRINT [4816]
br;"reponses exactes sur";nq;"ques
tions
1110 note=(20/nq)*br:LOCATE 24,24: [7505]
PRINT"Note -> ";LOCATE 32,24:PRINT
USING"##.##";note:LOCATE 37,24:PRI
NT"/ 20
1120 FOR i=1 TO 3000:NEXT [1003]
1130 GOTO 110 [423]
1140 ' [117]
1150 '***** [1391]
*****
1160 '* IMPRESSION D'UNE SERIE DE [1490]
. QCM *
1170 '***** [1391]
*****
1180 ' [117]
1190 br=0:CLS:MODE 2:WINDOW#2,1,80 [5643]
,1,3:CLS#2:PEN#2,2:PAPER#2,1:LOCAT
E#2,21,2:PRINT#2,"IMPRESSION D'UNE
SERIE DE Q.C.M.
1200 LOCATE 12,5:PRINT"Engagez la [6690]
FEUILLE des ENONCES et appuyez sur
une touche":PT$=INKEY$:IF PT$=""
THEN 1200 ELSE 1210
1210 LOCATE 12,5:PRINT STRING$(56, [1551]
" ")
1220 PRINT#8,CHR$(27);"E";CHR$(27) [3718]
;"W";CHR$(1):PRINT#8," ENONCES
1230 PRINT#8,CHR$(27);"F";CHR$(27) [2381]
;"W";CHR$(0)
1240 FOR n=1 TO nq [695]
1250 LOCATE 16,5:PRINT"QUESTION No [1355]
: ";n
1260 PRINT#8:PRINT#8," Que [2864]
stion ";n;"
1270 PRINT#8," ";q$(n) [1155]
1280 PRINT#8," a) ";ra$ [2043]

```

```

(n)
1290 PRINT#8," b) ";rb$ [1875](n)
1300 PRINT#8," c) ";rc$ [1668](n)
1310 IF rd$(n)=" THEN 1320 ELSE P [2071]
RINT#8," d) ";rd$(n)
1320 IF re$(n)=" THEN 1330 ELSE P [3917]
RINT#8," e) ";re$(n)
1330 PRINT#8:PRINT#8," Vo [3038]
tre reponse :
1340 PRINT#8:PRINT#8:PRINT#8,STRIN [3084]
G$(80,"-"):PRINT#8
1350 NEXT [350]
1360 LOCATE 12,5:PRINT"Engagez la [6606]
FEUILLE des REPONSES et appuyez su
r une touche":PT$=INKEY$:IF PT$=""
THEN 1360 ELSE 1370
1370 LOCATE 12,5:PRINT STRING$(57, [1370]
" ")
1380 PRINT#8,CHR$(27);"E";CHR$(27) [4352]
;"W";CHR$(1):PRINT#8," REPONSE S
1390 PRINT#8,CHR$(27);"F";CHR$(27) [2381]
;"W";CHR$(0)
1400 PRINT#8:PRINT#8:PRINT#8:PRINT [4805]
#8," QUESTION !!
REPONSE
1410 FOR n=1 TO nq [695]
1420 PRINT#8," ";n;STRING$(15- [5467]
LEN(STR$(n))," ");"!!";"
";UPPER$(br$(n)):NEXT
1430 GOTO 110 [423]
1440 ' [117]
1450 '***** [1416]
*****
1460 '* FIN [435]
*
1470 '***** [1416]
*****
1480 ' [117]
1490 MODE 2:WINDOW#2,1,80,1,3:CLS# [4893]
2:PEN#2,2:PAPER#2,1:LOCATE#2,38,2:
PRINT#2,"FIN
1500 LOCATE 10,13:PRINT"APPUYEZ SU [4944]
R <ESPACE> POUR ARRETER,SINON AUTR
E TOUCHE
1510 e$=INKEY$:IF e$="" THEN 1510 [2495]
ELSE IF e$=" " THEN 1520 ELSE 110
1520 !BASIC [1303]
1530 ' [117]
1540 '***** [1285]
****
1550 '* PRESENTATION [1606]
*
1560 '***** [1285]
****
1570 ' [117]
1580 INK 1,7:PAPER 1:BORDER 7 [1452]
1590 MODE 1:CLS:PEN 3:PRINT STRING [3330]
$(40,238)'met 238 sur tte la lg
1600 FOR j=1 TO 40 STEP 39:FOR i=2 [1932]
TO 23 STEP 1
1610 LOCATE j,i:PRINT CHR$(238) [1211]
1620 NEXT i,j [411]

```


LISTING

```

1630 LOCATE 1,24:PRINT STRING$(40, [1783]
238)
1640 SYMBOL AFTER 133 [1443]
1650 SYMBOL 133,63,127,248,240,224 [2388]
,224,224,224
1660 SYMBOL 134,252,254,31,15,7,7, [2095]
7,7
1670 SYMBOL 135,224,224,224,224,24 [2567]
0,248,127,63
1680 SYMBOL 136,7,7,7,55,60,30,255 [2335]
,243
1690 SYMBOL 137,63,127,124,120,112 [1859]
,112,112,112
1700 SYMBOL 138,248,248,60,60,0,0, [1718]
0,0
1710 SYMBOL 139,112,112,112,112,12 [2466]
0,124,127,63
1720 SYMBOL 140,0,0,0,0,60,60,248, [1976]
248
1730 SYMBOL 141,120,108,110,102,99 [2353]
,99,97,97
1740 SYMBOL 142,30,54,102,102,198, [1990]
198,134,134
1750 SYMBOL 143,97,97,97,97,97,97, [2004]
240,240
1760 SYMBOL 144,6,6,6,6,6,6,15,15 [1543]
1770 qa$=CHR$(133)+CHR$(134):qb$=C [6665]
HR$(135)+CHR$(136):ca$=CHR$(137)+C
HR$(138):cb$=CHR$(139)+CHR$(140):m
a$=CHR$(141)+CHR$(142):mb$=CHR$(14
3)+CHR$(144)
1780 INK 2,18:PEN 2 [437]
1790 PEN 3 [547]
1800 LOCATE 15,12:PRINT qa$:LOCATE [6751]
15,13:PRINT qb$+" .":LOCATE 20,12
:PRINT ca$:LOCATE 20,13:PRINT cb$+
" .":LOCATE 25,12:PRINT ma$:LOCATE
25,13:PRINT mb$+" ."
1810 INK 3,20,5 [62]
1820 PEN 2:LOCATE 20,17:PRINT"PAR" [3155]
:LOCATE 12,19:PRINT "JEAN-PIERRE B
ENAI5"
1830 LOCATE 33,23:PRINT CHR$(164)+ [2447]
" 1987"
1840 ' [117]
1850 '***** [1416]
*****
1860 '* MUSIQUE [127]
*
1870 '* PAR J.S. BACH [886]
*
1880 '***** [1416]
*****
1890 ' [117]
1900 ENV 1,2,8,6,14,-1,8 [1174]
1910 ENV 2,2,8,6,14,-1,8 [1293]
1920 d=4:FOR n=4 TO 102:READ p,p1 [2006]
1930 SOUND 1,p,d*p1,12,1 [1960]
1940 SOUND 2,p,d*p1,10:SOUND 4,p,d [2768]
*p1,12,2
1950 NEXT n [366]
1960 DATA 159,8,134,4,159,4 [662]

```

```

1970 DATA 213,8,159,4,213,4,268,8, [1923]
213,4
1980 DATA 268,4,319,16,426,4,319,4 [962]
,268,4
1990 DATA 319,4,358,4,319,4,284,4, [1323]
319,4
2000 DATA 338,4,284,4,239,4,284,4, [1219]
268,8
2010 DATA 319,8,159,8,134,4,159,4, [1570]
213,8
2020 DATA 159,4,213,4,268,8,213,4, [1336]
268,4
2030 DATA 319,16,268,8,268,8,268,8 [1424]
,268,8
2040 DATA 159,8,268,8,268,4,239,4, [1473]
268,4
2050 DATA 284,8,213,8,213,8,213,8, [1317]
213,8
2060 DATA 134,8,213,8,213,4,190,4, [1806]
213,4
2070 DATA 225,8,284,4,213,4,179,4, [1793]
213,4
2080 DATA 190,4,213,4,190,4,213,4, [1545]
225,4
2090 DATA 213,4,159,4,190,4,179,4, [1299]
190,4
2100 DATA 179,4,190,4,213,4,179,4, [1223]
213,4
2110 DATA 225,4,213,4,159,4,213,4, [1810]
225,4
2120 DATA 213,4,142,4,213,4,225,4, [1434]
213,4
2130 DATA 134,4,213,4,225,4,213,4, [571]
134,4
2140 DATA 142,4,159,4,142,4,179,4, [1809]
190,4
2150 DATA 213,4,179,8,190,4,179,4, [1566]
190,4
2160 DATA 213,16,159,8,134,4,159,4 [1300]
2170 FOR i=1 TO 1000:NEXT i [674]
2180 GOTO 100 [417]

9920 '***** [1416]
*****
9930 '* [175]
*
9940 '* CETTE LIGNE VOUS PERMETTRA [1357]
DE *
9950 '* SAUVER VOTRE PROGAMME AU [2278]
FUR *
9960 '*ET A MESURE QUE VOUS LE TAP [2910]
EREZ*
9970 '* POUR CELA FAITES "RUN 100 [2105]
00" *
9980 '* [175]
*
9990 '***** [1416]
*****
10000 u$="qcm.bas":!ERA,@u$:SAVE"q [2438]
cm

```