

AFRICA

Africa est un logiciel éducatif. Il propose deux épreuves après avoir consulté la carte polémique de l'Afrique.

• **Option A :** L'Amcecad fait cliquer un point dans un pays sélectionné au hasard. Il vous demande ensuite de lui donner le nom du pays et sa capitale. Dix pays vous seront proposés par épreuve et l'ordinateur vous donnera une note sur 20 avec un commentaire...

• **Option B :** L'Amcecad vous sert de banque de données. Vous entrez le nom d'un pays (attention à l'orthographe !) et il vous affiche à l'écran tout ce qui s'y rapporte :
 — capitale
 — superficie
 — nombre d'habitants de ce pays (approximatif)
 — langues parlées
 — monnaie ayant cours.

L'ordinateur fait également cli-

quer un point sur la carte, au centre du pays demandé.

Description des variables utilisées

- P\$00 : nom du pays.
- M\$(x) : monnaies.
- C\$(x) : nom de la capitale.
- H\$(x) : nombre d'habitants.
- S00 : superficie.
- L\$00 : langue.

— P\$\$(x) : pays proposé par l'utilisateur (jeu).

— C\$\$(x) : capitale proposée.

Requière utilisation de : &B009 : attend la frappe d'une touche. Attention : la routine utilisée pour doubler la hauteur des caractères est incompatible avec le CPC 6128. Le système ne plante pas mais affichera autre chose que la phrase voulue.

Philippe Theret



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10 *****
20 ****. AFRICA. ****
30 ***DE P.THERET**
40 *****
50 BORDER 0:DIM P$(47),B(47),H(47),C$(47),L
  $(47),M$(47),X(47),Y(47):INX 3,6
60 GOSUB 790:GOSUB 890:GOSUB 1400:GOSUB 970
  
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:GOSUB 990
70 CALL 88006
80 CLS#:PEN #1,2:LOCATE #1,5,5:PRINT#1,"SE
LECTEUR":LOCATE #1,5,6:PRINT#1,"-----"
90 LOCATE#1,2,11:PEN#1,1:PRINT#1,"-A- LE JE
U":LOCATE#1,2,14:PRINT#1,"-B- LA BANQUE DE"
:LOCATE#1,6,15:PRINT#1,"DONNEES":LOCATE#1,2
,20:PEN#1,2:PRINT#1,"VOTRE CHOIX ==": " :C
NRS(143)
100 A$=INKEY#:IF A$="A" OR A$="a" THEN 1150
110 IF A$="B" OR A$="b" THEN 800 ELSE
800 TO 100
120 DATA 160,36,163,36,174,38,179,39,184,38
,186,40,192,40,206,52,210,60,212,62,214,64,
216,74,227,80,228,90,226,100,240,112,244,11
2,250,116,252,120,253,142,248,148,247,152,2
46,154,248,160,245,162,250,170,262,186,280,
202,292,218,294,228,298
130 DATA 236,298,243,293,240,287,240,280,23
8,277,236,273,236,271,234,266,238,264,244,2
60,248,234,256,248,258,245,262,244,268,240,
270,234,288,228,290,228,294,218,314,214,318
,216,322,204,324,200,326,190,328,184,328,16
6,333,163,340,165,324
140 DATA 163,322,158,326,150,328,146,332,14
2,332,132,336,126,337,126,340,130,344,129,3
48,131,352,106,354,94,352,80,346,78,347,72,
346,70,351,64,350,64,340,50,338,48,332,48,3
26,44,322,38,320,24,306,22,302,12,290,13,28
6,14,284,14,276,11,266,6
150 DATA 238,9,234,7,246,11,239,13,239,20,2
22,26,220,40,210,42,212,46,211,54,213,64,21
2,61,218,93,218,97,214,97,212,101,210,112,2
13,117,204,118,200,116,190,115,186,116,178,
126,170,130,160,134,150,134,146,138,138,130
,126,132,110,140,88,140
  
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160 DATA 80,146,60,150,50,152,46,152,40,160
36,291,138,293,136,296,120,294,118,286,104
284,94,280,88,278,78,274,78,268,76,264,78,
264,86,262,90,268,98,268,104,266,114,270,11
7,278,120,284,124,284,128,288,128,291,136,2
28,290,224,287,208,288

170 DATA 184,286,185,318,182,322,184,328,18
4,286,182,280,180,276,176,278,158,290,152,2
92,144,293,142,289,136,288,130,292,131,294,
122,298,121,304,124,312,126,323,125,330,132
334,180,277,181,266,181,259,176,258,174,25
5,172,254,170,246,175,240

180 DATA 175,238,180,236,180,230,194,216,19
4,214,200,208,206,207,211,204,214,206,220,2
05,224,208,234,210,220,225,224,230,225,236,
227,238,228,244,230,246,233,246,234,258,236
260,237,266,240,270,122,324,120,330,118,33
4,116,335,116,338,120,346

190 DATA 121,348,121,351,130,292,100,274,94
274,94,278,90,278,48,314,50,320,56,324,60,
324,70,328,74,332,80,331,78,338,80,346,148,
67,148,66,151,63,154,64,162,62,164,75,166,7
6,170,70,174,73,176,78,180,78,184,74,194,82
192,86,202,90,212,90,214

200 DATA 74,216,74,164,76,164,90,168,90,168
108,164,108,159,112,142,112,138,114,132,11
0,48,314,48,308,36,308,36,296,30,296,30,286
13,286,234,210,246,204,254,209,257,208,272
212,276,216,282,222,279,224,266,232,260,23
8,258,242,264,245,34,318

210 DATA 48,314,258,208,254,190,256,184,259
182,176,112,180,114,184,114,187,110,189,10
6,194,102,196,96,200,94,202,91,25,257,25,25
4,28,250,28,248,26,246,28,248,16,250,12,248
8,248,20,249,14,239,59,304,54,300,54,260,4
8,258,43,262,32,262,26

220 DATA 257,22,260,20,264,16,266,10,264,18
0,140,188,140,192,137,196,136,202,130,204,1
32,200,140,202,144,200,148,202,152,208,153,
222,146,220,138,220,132,218,128,212,125,208
125,207,120,202,120,200,112,190,109,188,11
1,208,120,218,114,219

230 DATA 110,216,104,216,98,213,90,219,128,
226,124,224,118,228,116,231,120,230,124,227
130,228,136,234,137,252,142,222,146,224,14
7,228,144,229,142,229,136,130,162,140,162,1
44,163,148,162,154,152,158,152,164,156,171,
154,171,140,180,140,182

240 DATA 136,180,130,174,132,172,130,172,12
0,170,116,176,112,176,110,169,108,208,153,2
04,158,204,164,202,170,202,176,204,184,208,
183,210,184,215,184,216,181,218,176,220,175
224,178,225,182,228,183,240,176,244,171,24
6,170,248,170,204,184

250 DATA 204,188,209,198,211,204,214,185,21
6,188,221,190,218,194,218,196,220,197,219,1
95,232,199,226,206,225,208,194,214,190,212,
181,211,180,210,176,210,174,209,164,211,160
210,155,196,154,186,148,178,146,176,146,17
2,144,168,140,167,136

260 DATA 169,128,166,26,248,34,242,38,246,4
0,244,40,240,38,236,42,234,48,238,52,238,54
240,54,244,60,248,60,250,68,254,78,256,96,
260,98,263,96,274,42,236,42,230,40,226,38,2
24,34,226,30,226,28,234,24,234,18,228,52,23
8,58,232,64,234,66,226,64

270 DATA 224,62,220,68,212,30,228,30,224,28
224,24,220,38,224,40,216,42,216,42,212,64,
236,68,238,76,236,78,232,76,228,78,224,80,2
18,78,238,80,238,82,238,86,240,86,242,78,25
2,78,256,86,240,90,244,92,242,92,234,90,230
88,226,88,224,90,218,85

280 DATA 218,83,234,85,238,92,242,96,250,10
2,250,106,248,110,246,114,248,120,246,122,2
48,130,248,134,250,134,252,136,252,140,258
144,260,144,264,146,270,148,280,144,282,142
290,134,248,138,244,138,240,126,218,122,22
0,120,220,118,218,114,216

290 DATA 114,212,112,210,124,172,126,178,13
4,180,138,178,140,184,138,188,140,194,138,1
96,134,198,130,200,126,198,118,198,158,204,
154,206,150,204,146,202,146,198,144,196,140
198,136,196,146,202,140,208,140,212,138,21
4,140,216,144,222,148,224

300 DATA 158,226,160,228,166,230,170,234,17
6,236,144,222,138,230,138,232,140,234,142,2
34,142,240,138,244,126,198,126,194,118,193,
214,184,214,180,206,174,202,178,202,168,210
170,212,180,8,254,14,256,20,254,18,252,8,2
52,212,76,208,72,208,68

310 DATA 210,66,214,66,214,72,196,64,200,60
196,52,190,56,196,64

320 DATA AFRIQUE DU SUD,1223,20113,PRETORIA
,RAND,AFRIKAANS,180,56

330 DATA ALGERIE,2382,14012,ALGER, DINAR, "AR
ABE, FRANCAIS", 90,312

340 DATA ANGOLA,1246,5360, LUANDA, KWANZA, POR
TUGAIS,150,130

350 DATA BOTSWANA,712,648, GABERONES, PULA, "A
NGLAIS, SETSWANA", 180,90

360 DATA BURUNDI,28,3600, BUJUMBARA, FRANCO BU
RUNDI, "FRANCAIS, KIRUNDI", 206,172

370 DATA CAMEROUN,510,5836, YAOUNDE, FRANCO C.
F.A., "FRANCAIS, ANGLAIS", 128,210

380 DATA CENTRAFRIQUE,617,1522, BANGUI, FRANCO
C.F.A., "FRANCAIS, SANGO", 166,220

390 DATA CONGO,342,936, BRAZZAVILLE, FRANCO C.
F.A., FRANCAIS, 146,184

400 DATA COTE D'IVOIRE,322,4310, ABIDJAN, FRANCO
C.F.A., FRANCAIS, 50,224

410 DATA BENIN,116,2686, PORTO-NOVO, FRANCO C.
F.A., FRANCAIS+DIALECTES, 88,236

420 DATA EGYPT,1000,33329, LE CAIRE, LIVRE E
BYPTIENNE, ARABE, 206,306

430 DATA ETHIOPIE,1184,25046,ADDIS ABABA,BI
RR,AMHARIQUE,248,230
440 DATA GABON,267,500,LIBREVILLE,FRANC C.F
.A.,FRANCAIS,124,186
450 DATA GAMBIE,11,364,BATHURST,DALABI,ANGL
AIS,14,254
460 DATA GHANA,238,9026,ACCRA,CEDEI,ANGLAIS,
72,226
470 DATA GUINEE,246,3921,CONAKRY,SILY,FRANC
AIS,26,240
480 DATA GUINEE EQUATORIALE,28,290,SANTA IS
ABEL,EKOULE,ESPAGNOL,122,197
490 DATA GUINEE BISSAU,36,556,BISSAU,PEGB B
WINEEN,PORTUGAIS,12,244
500 DATA HAUTE-VOLTA,274,5384,OUAGADDOUGU,F
RANC C.F.A.,FRANCAIS,70,244
510 DATA KENYA,583,16898,NAIROBI,SHILLING D
V KENYA,"SWAHILI,ANGLAIS",240,190
520 DATA LESOTHO,39,1043,NASERU,LOTI,"SESDT
HO,ANGLAIS",196,58
530 DATA LIBERIA,111,1171,MONROVIA,DOLLAR L
IBERIEN,ANGLAIS,34,218
540 DATA LIBYE,1769,1860,TRIPOLI,DINAR LIBY
EN,ARABE,152,508
550 DATA MALAWI,117,4530,IZMBA,KWACHA MALAW
I,"ANGLAIS,CHICHEWA",224,134
560 DATA MADAGASCAR,599,6750,TANANARIVE,FRA
NC MALBACHE,"MALGACHE,FRANCAIS",278,100
570 DATA MALI,1204,5022,BAKAO,FRANC MALIEN
,FRANCAIS,70,270
580 DATA MAROC,444,15525,RABAT,DINHAR,ARABE
,62,334
590 DATA MAURITANIE,1082,1171,NOUAKCHOTT,OU
GUYA,"ARABES,FRANCAIS",36,278
600 DATA MOZAMBIQUE,783,7160,NOIAMBIQUE,NET
ICAL,PORTUGAIS,230,110
610 DATA NIGER,1109,4016,NIAMEY,FRANC C.F.A
,FRANCAIS,118,270
620 DATA NIGERIA,924,55074,LAGOS,NAINA,ANGL
AIS,114,230
630 DATA OUGANDA,243,9764,KAMPALA,SHILLING,
"ANGLAIS,SWAHILI",214,198
640 DATA ZIMBABWE,389,5270,SALISBURY,DOLLAR
DE ZIMBABWE,ANGLAIS,204,106
650 DATA RUANDA,26,3587,KIGALI,FRANC DE RUA
NDA,"FRANCAIS,RUANDA",208,180
660 DATA SENEGAL,197,3925,BAKAB,FRANC C.F.A
,FRANCAIS,16,260
670 DATA SIERRA LEONNE,72,2490,FREETOWN,LEO
NE,ANGLAIS,24,228
680 DATA SOMALIE,637,2789,MOGADISCIO,SHILLI
NG SOMALIE,"SOMALI,ARABE...",284,216

690 DATA SOUDAN,2505,15695,KHARTOUM,LIVRE S
DUDANAISE,ARABE,206,246
700 DATA NAMIBIE,823,888,WINDHOEK,RAND,AFRI
KAANS,152,88
710 DATA SWAZILAND,17,408,MBABANE,EMALANGEN
I,ANGLAIS,212,72
720 DATA TANZANIE,935,13273,DAR ES-SALAAM,S
HILLING TANZANIE,SWAHILI,ANGLAIS,226,140
730 DATA TCHAD,1284,3706,N'DJAMENA,FRANC C.
F.A.,FRANCAIS,ARABE",160,256
740 DATA TOGO,57,1857,LOME,FRANC C.F.A.,FRA
NCAIS,80,226
750 DATA TUNISIE,125,1137,TUNIS,DINAR TUNIS
IEN,ARABE,122,340
760 DATA ZAIRE,2344,17423,KINSHASA,ZAIRE,FR
ANCAIS,176,176
770 DATA ZAMBIE,746,4295,LUSAKA,KWACHA,"ANG
LAIS,BEMBA...",200,126
780 DATA 95,95,142,127,119,106,95,93,119,95
,95,119,106,95,142,119,142,179,119,142,142,
106,119,127,-1
790 MODE I:Y=I:RESTORE 120
800 X=126:GOSUB 870:X=21:GOSUB 870:Y=2:X=6:
GOSUB 870:X=16:GOSUB 870:X=30:GOSUB 870:X=7
:GOSUB 870:X=13:GOSUB 870:X=17:GOSUB 870:X
:GOSUB 870:X=6:GOSUB 870:X=11:GOSUB 870:RE
AD A,B:READ A,B:X=3:GOSUB 870:X=8:GOSUB 870
:X=8
810 GOSUB 870:READ a,b:PLOT a,b:READ a,b:DR
AW a,b:Y=10:GOSUB 870:X=21:GOSUB 870:X=5:G
OSUB 870:X=9:GOSUB 870:X=4:GOSUB 870:X=18:G
SUB 870:X=18:GOSUB 870:X=3:GOSUB 870:X=9:G
SUB 870:X=16:GOSUB 870:X=17:GOSUB 870:X=8:G
OSUB 870
820 X=6:GOSUB 870:X=3:GOSUB 870:X=3:GOSUB 8
70:Y=6:GOSUB 870:X=6:GOSUB 870:X=7:GOSUB 87
0:X=2:GOSUB 870:X=18:GOSUB 870:X=9:GOSUB 87
0:X=11:GOSUB 870:X=7:GOSUB 870:X=11:GOSUB 8
70:X=6:GOSUB 870:X=2:GOSUB 870:X=3:GOSUB 87
0:X=2:GOSUB 870
830 X=4:GOSUB 870:X=5:GOSUB 870:X=4:GOSUB 8
70
840 REM ATTENTION...COULEURS SUIVANTES PREV
UES POUR MONITEUR MONOCHROME...
850 INK 0,0:INK 1,26:INK 2,17
860 BORDER 7:RETURN
870 READ A,B:PLOT A,B,Y:FOR P=1 TO I:READ A
,B:DRAW A,B:NEXT:RETURN
880 REM S.P. dessin titre
890 WINDOW#1,22,40,1,25:PAPER #1,0:CLS#1:PL
OT 335,0:DRAW 335,400:PLOT 333,400:DRAW 333
,0:IF="AFRICA,"SYMBOL AFTER 32:SYMBOL #1,
66,60,63C,666,67E,680,63C:LOCATE#1,6,7:GOSU
B 910:LOCATE#1,4,19:PEN#1,3:PRINT#1,"P#R: P
.Th#ret":LOCATE #1,5,12
900 SYMBOL 93,660,610,678,&C,67C,&CC,676:PE
N #1,2:PRINT#1, " POUR COMPTRE LA*LOCATE

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#1,4,14:PRINT#1,"GEOGRAPHIE DE":LOCATE#1,6,
15:PRINT#1,"L'AFRIQUE":RETURN
910 FOR N=1 TO LEN(K):FOR T=0 TO 7:P=PEEK(
84500+(ASC(MID$(K,N,1))-32)*8+7)
920 C(T)=P:NEXT:SYMBOL 140,C(0),C(1),C(2),C(
1),C(2),C(3),C(4),C(5):SYMBOL 141,C(4),C(4
),C(5),C(5),C(6),C(6),C(7),C(7):I=2+1:IF I=
4 OR I=8 THEN I=I+1
930 PEN#1,1:PRINT#1,CHR$(140):CHR$(141):CHR$
(8):CHR$(141):CHR$(11):SOUND 1,400-N*20,10
,7:NEXT:RETURN
940 X=4:GOSUB 870:I=5:SOSUB 870:I=4:GOSUB 8
70
950 REM S.P. lecture des donnees
960 RESTORE 320
970 RESTORE 320:CLS#1:FOR L=1 TO 46:READ P$
(L),S(L),H(L),C#(L),M#(L),L#(L),X(L),Y(L)
980 NEXT:RETURN
990 PEN #1,1:LOCATE #1,1,4:PRINT#1,"AFRICA
est un logiciel [ducatif permettant ]
n'importe qui d'assimiler une
foule de donnees concernant l'A
FRIQUE.":PRINT#1:PRINT#1
1000 PRINT#1,"L'AMSTRAD peut vousposer des
questionsais aussi vous servir de banqu
e de donnees et vous d'livrer des r
enseignements prcis ] votre simple
demande."
1010 RETURN
1020 REM BANQUE DE DONNEES
1030 INK 3,4:CLS#1:I=0:LOCATE #1,6,11:I#="B
ANQUE DE":GOSUB 910:I=0:LOCATE#1,7,13:I#="D
ONNEES":GOSUB 910:FOR U=1 TO 1100:NEXT:CLS#
1:INK 3,4,24
1040 LOCATE #1,1,12:PEN#1,1:PRINT#1,"NDM DU
PAYS S.V.P":PEN#1,2:INPUT #1,GN#
1050 GNS=UPPER$(GN#)
1060 LOCATE #1,7,8:PRINT#1,"O.K."
1070 FOR T=1 TO 46:IF P$(T)=GNS THEN 1090
1080 NEXT T:CLS#1:PEN #1,3:LOCATE#1,4,11:PR
INT#1,"PAYS INCONNU":LOCATE#1,6,13:PRINT#1,
"VERIFIEZ":LOCATE#1,4,15:PRINT#1,"L'ORTHOGR
APHE":FOR T=1 TO 1500:NEXT:GOTO 80
1090 PLOT X(T),Y(T),3
1100 CLS#1:LOCATE#1,1,4:PEN#1,1:PRINT#1,"ND
M DU PAYS :":LOCATE#1,1,5:PEN#1,2:PRINT#1,"
":P$(T):LOCATE#1,1,7:PEN#1,1:PRINT#1,"C#1
TALE :":LOCATE#1,1,8:PEN#1,2:PRINT#1," :C#
(T):LOCATE#1,1,10:PEN#1,1:PRINT#1,"SUPERFIC
IE :":LOCATE#1,1,11
1110 PEN#1,2:PRINT#1,SIT#*1000:"#2":LOCATE
#1,1,13:PEN#1,1:PRINT#1,"NOMBRE D'HABITANT
S":LOCATE #1,1,14:PEN#1,2:PRINT#1,H(T)*1000
:LOCATE#1,1,16:PEN#1,1:PRINT#1,"LANGUE(S) :
":LOCATE#1,1,17:PEN#1,2:PRINT#1," :L$(T):L
OCATE #1,1,19
1120 PEN#1,1:PRINT#1,"MDMNAIE :":LOCATE#1,1

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,20:PEN#1,2:PRINT#1," :M$(T)
1130 LOCATE#1,3,23:PEN#1,2:PRINT#1,"(=> VOI
R CARTE"
1140 CALL 8806:PLOT X(T),Y(T),4:GOTO 80
1150 REM JEU QUESTIONS-REPONSES
1160 RANDOMIZE TIME
1170 SYMBOL 45,0,0,0,0,0,0,126,126
1180 ND=0:DU=0:INK 3,8:CLS#1:PEN#1,2:LOCATE
#1,7,12:I=0:I#="LE JEU":GOSUB 910:PEN#1,2
1190 FOR T=1 TO 800:NEXT:INK 3,4,24
1200 CLS#1:P=INT(RND(1)*45)+1:"CHOISISIS PAYS
1210 PLOT X(P),Y(P),3
1220 LOCATE#1,1,8:PRINT#1,"QUEL EST CE PAYS
?"
1230 LOCATE#1,3,9:PEN#1,1:FOR T=1 TO LEN(P$
(P)):PRINT#1,"-":NEXT
1240 LOCATE#1,1,9:INPUT#1,PP$:PP$=UPPER$(P$)
1250 GOSUB 1310
1260 LOCATE#1,1,14:PEN#1,2:PRINT#1,"SA C#1
TALE ?"
1270 LOCATE#1,3,15:PEN#1,1:FOR T=1 TO LEN(C
#(P)):PRINT#1,"-":NEXT
1280 LOCATE#1,1,15:INPUT#1,CC$:CC$=UPPER$(C$)
1290 GOSUB 1340
1300 CALL 8806:PLOT X(P),Y(P),4:IF DU=20 T
HEN GOTO 1360 ELSE GOTO 1200
1310 REM TEST DES REPONSES
1320 PEN#1,2:IF PP$=P$(P) THEN LOCATE#1,1,1
1:PRINT#1,"BONNE REPONSE.":ND=ND+1:DU=DU+1:
RETURN
1330 LOCATE#1,1,10:PRINT#1,P$(P):LOCATE#1,1
,11:PRINT#1,"MAUVAISE REPONSE :":DU=DU+1:RE
TURN
1340 PEN#1,2:IF CC$=C#(P) THEN LOCATE#1,1,1
7:PRINT#1,"BONNE REPONSE.":ND=ND+1:DU=DU+1:
RETURN
1350 LOCATE#1,1,16:PRINT#1,C#(P):LOCATE#1,1
,17:PRINT#1,"MAUVAISE REPONSE :":DU=DU+1:RE
TURN
1360 CLS#1:LOCATE#1,4,9:PEN#1,1:PRINT#1,"VO
TRE NOTE :":LOCATE #1,6,11:PEN#1,2:PRINT#1,
ND"/ 20":IF ND<10 THEN LOCATE#1,3,15:PRINT
#1,"BRAVO VOUS AVEZ":LOCATE#1,4,17:PRINT#1,
"LA MOYENNE !!!":FOR I=1 TO 5:FOR U=100 TO 5
0 STEP -1:SOUND 1,U,1:NEXT:NEXT
1370 IF ND<10 THEN LOCATE#1,4,16:PRINT#1,"P
ERSEVEREZ :":FOR BR=200 TO 450:SOUND 1,BR,2
:NEXT
1380 CALL 8806:GOTO 80
1390 'MUSIQUE DE LAURENT MAILLARD
1400 FOR MUS=1 TO 2:RESTORE 780:READ NT:WHI
LE NT(<)-1:SOUND 1,NT,20:READ NT:IF INKEY(<)
"" THEN GOTO 1410 ELSE WEND:NEXT:SOUND 1,14
2,120
1410 RETURN

```