

Educatif

ETATS UNIS

Vincent PERNICE

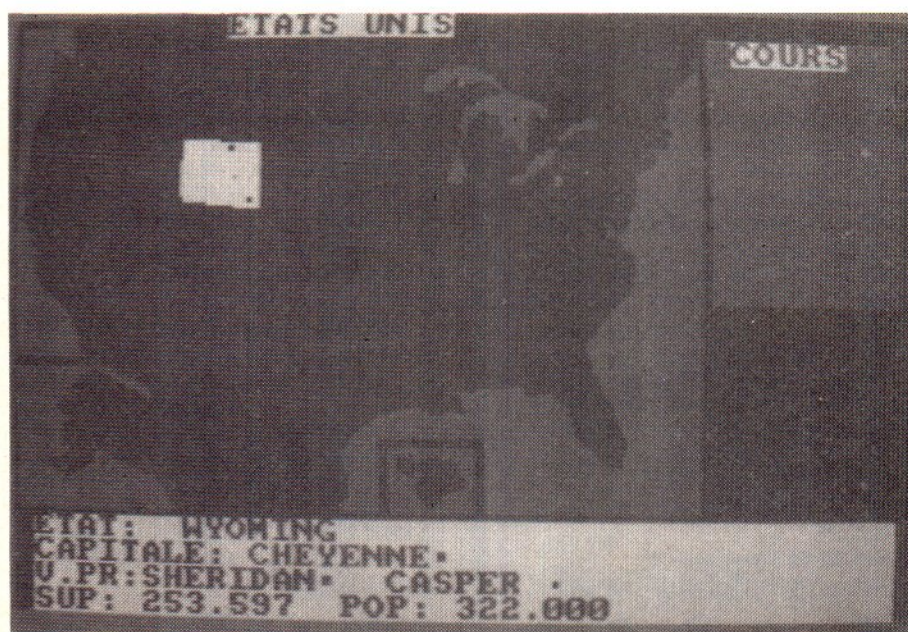
Etats-Unis vous propose un voyage aller-retour presque gratuit pour un pays de rêve. Tapez et sauvez le chargeur, puis le programme principal.

Après quelques secondes de patience, une carte muette apparaîtra.

Ensuite, grâce à un jeu de questions-réponses, vous

aurez la satisfaction d'apprendre que Pierre est la capitale du Dakota du Sud et que le Texas compte plus de 11 millions d'habitants.

Sauvez le premier programme par SAVE "USA" et le second par SAVE "EU" immédiatement à la suite du premier.



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1 REM *****
2 REM * ETATS UNIS *
3 REM * Pernice Vincent*
4 REM * novembre 86 *
5 REM *****
6 REM * CHARGEUR *
7 REM *****
10 MODE 1:INK 0,9:INK 1,1:INK 2,20:INK 3
,19:BORDER 22
20 k=320:nom$="ETATS UNIS":GOSUB 3000
30 k=240:nom$="d'AMERIQUE":GOSUB 3000
50 LOCATE 14,16:PAPER 1:PEN 3:PRINT "Pre
sente par":PAPER 0
60 k=100:nom$="PERNICE Vincent":GOSUB 30
00
70 GOSUB 10000
74 REM LES POSSESSEURS DE 664 DU DE 6128
DOIVENT SUPPRIMER LE REM DE LA LIGNE 75
75 REM POKE &9A5D,&99:POKE &9A5E,&B6:POK
E &9A61,&97:POKE &9A62,&B6:POKE &9A94,&3
E:POKE &9A95,&B6
80 GOSUB 20000
90 :SCRA,0,39,0,3,4,152
100 :SCRA,0,39,22,25,4,152
110 :SCRA,0,3,4,22,19,152:SCRA,36,39,4,
22,19,152
120 PLOT 83,332:DRAWR 474,0,1:DRAWR 0,-1
34,1:DRAWR -474,0,1:DRAWR 0,134
130 PLOT 156,324,1:DRAWR 327,0,1:DRAWR 0
,-116,1:DRAWR -327,0,1:DRAWR 0,116,1
140 PLOT 120,260,3:CALL &9A50,1
150 PLOT 194,175,1:DRAWR 218,0,1:DRAWR 0
,-50,1:DRAWR -218,0,1:DRAWR 0,50,1
160 PLOT 293,171,3:CALL &9A50,1
170 PLOT 69,117,1:DRAWR 506,0,1:DRAWR 0,
-65,1:DRAWR -506,0,1:DRAWR 0,65,1
180 PLOT 78,102,1:DRAWR 485,0,1:DRAWR 0,
-34,1:DRAWR -485,0,1:DRAWR 0,34,1
190 PLOT 305,108,3:CALL &9A50,1
200 LOCATE 11,24:PEN 2:PRINT "CHARGEMENT
EN COURS..."
210 BORDER 21,25:SPEED INK 5,10:RUN "leu
"
3000 chars=LEN(nom$):pixels=chars*8:x=(6
39-chars*32)/2:LOCATE 1,1:PEN 3:PRINT no
m$:PEN 3:tx=x:y=k:y2=398:FOR f=1 TO 8:x
2=0:FOR g=1 TO pixels:IF TEST(x2,y2)=3 T
HEN PLOT x,y,2:PLOT x,y-2
3010 PLOT x+2,y:PLOT x+2,y-2:x=x+4:x2=x2
+2:NEXT g:y=y-4:y2=y2-2:x=tx:NEXT f:LOCA
TE 1,1:PRINT SPACE$(chars):RETURN
10000 MEMORY &9A4F:FOR F=0 TO 257:READ A
$
10010 POKE &9A50+F,VAL("&"+LEFT$(A$,2)):
NEXT F
10020 '=====
10030 ' codes de la routine
10040 '=====
10050 '
10060 DATA cd,11,bc,32,54,9b,dd,7e,00,32
,2b,9b,2a,2e,b3,ed,5b,2c,b3,cd,23,9b,32,
2e,9b,dd,21,52,9b,af
10070 DATA 32,53,9b,cd,30,9b,cb,2d,cb,25
,cd,23,9b,28,08,cd,30,9b,7a,fe,ff,20,f3,
cd,41,9b,af,32,52,9b,e5,d5,cd,ea,bb,d1,e
1,3a,f4,b4
10080 DATA E6,80,20,7f,7c,b5,28,30,d5,e5
,2b,2b,cd,f0,bb,e1,d1,cd,2a,9b,20,06,dd,
cb,00,86,18,13
10090 DATA dd,cb,00,46,20,0d,dd,cb,00,c6

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,DS,2B,2B,E5,23,23,DD,34,01,7C,3D,20,05,
7D,FE,BE,28,27,D5,E5,23,23
10100 DATA CD,F0,BB,E1,D1,CD,2A,9B,20,06
,DD,CB,00,BE,1B,13,DD,CB,00,7E,20,0D,DD,
CB,00,FE,D5,23,23,E5,2B,2B,DD,34,01,CD,4
1,9B
10110 DATA 7A,FE,02,20,05,7B,FE,80,30,05
,CD,23,9B,20,85,DD,7E,01,A7,CB,E1,D1,DD,
35,01,CD,23,9B,2B,F1,C3,7B,9A,DD,7E,01,A
7,CB,E1,E1,3D,1B,FA,D5,E5,CD,F0,BB,E1,D1
,FE,00,CB
10120 DATA FE,00,C9,3A,54,9B,FE,02,28,0B
,FE,01,2B,03,CD,3E,9B,1B,1B,C9,3A,54,9B,
FE,02,2B,0B,FE,01,2B,03,CD,4F,9B,13,13,C
9
10130 RETURN
20000 '**** deroule ecran
20010 MEMORY &9FFF
20020 RESTORE 20080:FOR a=40960 TO 41037
20030 READ b$:POKE a,VAL("&"+b$)
20040 v=VAL("&"+b$):POKE a,v:s=s+v
20050 NEXT a
20060 IF s<>9189 THEN PRINT "erreur data
":STOP
20070 CALL &A000
20080 DATA 01,09,a0,21,1a,a0,cd,d1
20090 DATA bc,11,a0,c3,1b,a0,c3,2b
20100 DATA a0,53,43,52,c4,53,43,52
20110 DATA c1,00,04,fe,06,c0,dd,46
20120 DATA 02,c5,06,00,cd,3b,a0,c1
20130 DATA 10,f7,c9,fe,06,c0,dd,46
20140 DATA 02,c5,06,01,cd,3b,a0,c1
20150 DATA 10,f7,c9,dd,7e,00,dd,5e
20160 DATA 04,dd,6e,06,dd,56,08,dd
20170 DATA 66,0a,cd,50,bc,c9
20180 RETURN

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5 MODE 1:INK 0,1:INK 1,24:INK 2,26:INK 3
,6:BORDER 6
10 ISCR,A,0,39,0,24,25,122
15 MODE 1:LOCATE 10,2:PRINT "ETATS UNIS"
20 LOCATE 10,3:PRINT "*****"
30 LOCATE 1,5:PEN 2:PRINT " Ce logiciel
educatif vous permettra de vous apprendre
la geographie des 'ETATS UNIS' en un j
eu de questions-reponses."
40 PRINT:PRINT
50 PEN 1:PRINT " Trois possibilites vous
sont offertes au menu:"
60 PEN 3:PRINT " 1- Apprendre a connaitr
e les etats et leurs villes."
70 PEN 1:PRINT " A tour de role chaque e
tat se colorie et s'inscrivent sa capit
ale (en rouge), sa ville principale (gro
s point noir), etsa ville secondaire (pet
it point noir)."
80 PRINT " Dans la fenetre du bas leurs

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noms ainsi que la superficie et la popul
ation de l'etat."
90 LOCATE 10,24:PRINT "Appuyer sur une t
ouche ":CALL &BB06
100 ISCR,A,0,39,0,24,25,232:MODE 1
110 LOCATE 1,6:PEN 3:PRINT " 2- Jouer en
donnant a chaque etat son nom."
115 PEN 1:PRINT " Un etat est tire au so
rt et vous devez donner son nom (il vous
est indique sa capitale pour vous aide
r)."
120 PRINT "Au bout de 20 essais votre sc
ore ainsi que votre taux de connaissanc
e vous est donne."
125 PRINT:PRINT
130 PEN 3:PRINT " 3- Jouer en donnant a
chaque etat sa capitale:"
135 PEN 1:PRINT " Meme principe que prec
edemment mais ici avec les capitales."
140 LOCATE 16,24:PRINT "appuyer sur une
touche."
145 CALL &BB06
150 ISCR,A,0,39,0,24,25,111:GOTO 600
200 PLOT 47,322,C:GOSUB 253:RETURN:'WASH
INGTON
201 PLOT 47,286,C:GOSUB 253:RETURN:'OREGO
N
202 PLOT 29,214,C:GOSUB 253:RETURN:'CALI
FORNIE
203 PLOT 83,214,C:GOSUB 253:RETURN:'NEVA
DA
204 PLOT 101,178,C:GOSUB 253:RETURN:'ARI
ZONA
205 PLOT 119,214,C:GOSUB 253:RETURN:'UTA
H
206 PLOT 101,268,C:GOSUB 253:RETURN:'IDA
HO
207 PLOT 137,304,C:GOSUB 253:RETURN:'MON
TANA
208 PLOT 155,250,C:GOSUB 253:RETURN:'WYO
MING
209 PLOT 173,196,C:GOSUB 253:RETURN:'COL
ORADO
210 PLOT 173,160,C:GOSUB 253:RETURN:'NEW
MEXICO
211 PLOT 227,124,C:GOSUB 253:RETURN:'TEX
AS
212 PLOT 245,160,C:GOSUB 253:RETURN:'DKL
AHOMA
213 PLOT 245,196,C:GOSUB 253:RETURN:'KAN
SAS
214 PLOT 227,232,C:GOSUB 253:RETURN:'NEB
ASKA
215 PLOT 227,268,C:GOSUB 253:RETURN:'DAK
OTA SUD
216 PLOT 227,304,C:GOSUB 253:RETURN:'DAK
OTA NORD
217 PLOT 263,286,C:GOSUB 253:RETURN:'MIN
NESOTA
218 PLOT 281,250,C:GOSUB 253:RETURN:'IOW
A
219 PLOT 281,214,C:GOSUB 253:RETURN:'MIS
SOURI
220 PLOT 294,160,C:GOSUB 253:RETURN:'ARK
ANSAS
221 PLOT 294,108,C:GOSUB 253:RETURN:'LOU
ISIANE
222 PLOT 320,134,C:GOSUB 253:RETURN:'MIS
SISSEPI
223 PLOT 346,134,C:GOSUB 253:RETURN:'ALA

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BAMA
224 PLOT 385,147,C:GOSUB 253:RETURN:'GEO
RGIE
225 PLOT 411,95,C:GOSUB 253:RETURN:'FLOR
IDE
226 PLOT 411,160,C:GOSUB 253:RETURN:'CAR
OLINE SUD
227 PLOT 411,186,C:GOSUB 253:RETURN:'CAR
OLINE NORD
228 PLOT 333,173,C:GOSUB 253:RETURN:'TEN
NESSEE
229 PLOT 346,199,C:GOSUB 253:RETURN:'KEN
TUCKY
230 PLOT 411,212,C:CALL &A50,1
231 PLOT 435,220,C:GOSUB 253:RETURN:'VIR
GINIE
232 PLOT 71,90,C:GOSUB 253:RETURN:'ALASK
A
233 PLOT 452,276,C:GOSUB 253:RETURN:'CON
NECTICUT
234 PLOT 430,232,C:GOSUB 253:RETURN:'DEL
AWARE
235 PLOT 313,50,C:CALL &A50,1:PLOT 285,
62,C:GOSUB 253:RETURN:'HAWAI
236 PLOT 313,219,C:GOSUB 253:RETURN:'ILL
INOIS
237 PLOT 339,232,C:GOSUB 253:RETURN:'IND
IANA
238 PLOT 464,320,C:GOSUB 253:RETURN:'MAI
NE
239 PLOT 418,232,C:GOSUB 253:RETURN:'MAR
YLAND
240 PLOT 452,288,C:CALL &A50,1:PLOT 464
,280:GOSUB 253:RETURN:'MASSACHUSSETS
241 PLOT 339,271,C:CALL &A50,1
242 PLOT 326,305,C:GOSUB 253:RETURN:'MIC
HIGAN
243 PLOT 452,302,C:GOSUB 253:RETURN:'NEW
HAMPSHIRE
244 PLOT 437,251,C:GOSUB 253:RETURN:'NEW
JERSEY
245 PLOT 410,272,C:GOSUB 253:RETURN:'NEW
YORK
246 PLOT 361,230,C:GOSUB 253:RETURN:'OHIO
247 PLOT 418,251,C:GOSUB 253:RETURN:'PEN
NSYLVANIE
248 PLOT 462,276,C:GOSUB 253:RETURN:'RHO
DE ISLAND
249 PLOT 440,302,C:GOSUB 253:RETURN:'VER
MONT
250 PLOT 386,215,C:GOSUB 253:RETURN:'VIR
GINIE OCCIDENTALE
251 PLOT 301,285,C:GOSUB 253:RETURN:'WIS
CONSIN
252 PLOT 416,227,C:GOSUB 253:RETURN:'D O
F COLUMBIA
253 CALL &A50,1:RETURN
300 DATA WASHINGTON,OLYMPIA,SEATTLE,SPOK
ANE,176.617,3.409.000,44,321,50,326,82,3
21
301 DATA OREGON,SALEM,PORTLAND,EUGENE,25
1.180,2.091.000,35,295,40,297,33,285
302 DATA CALIFORNIE,SACRAMENTO,LOS ANGEL
ES,SAN FRANCISCO,411.000,20.468.000,30,2
29,49,164,24,212
303 DATA NEVADA,CARSON-CITY,LAS VEGAS,RE
NO,286.297,489.000,48,221,78,184,47,226
304 DATA ARIZONA,PHOENIX,TUCSON,PRESGOTT
,295.022,1.772.000,103,146,116,132,105,1

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64
305 DATA UTAH,SALT LAKE CITY,PROVO,OGDEN
,219.932,1.059.000,116,228,120,222,117,2
38
306 DATA IDAHO,BOISE,LEWISTON,TWIN FALLS
,216.412,713.000,91,269,90,300,98,259
307 DATA MONTANA,HELENA,GREAT FALLS,BILL
INGS,381.086,694.000,128,300,140,306,152
,290
308 DATA WYOMING,CHEYENNE,SHERIDAN,CASPE
R,253.597,322.000,179,236,165,270,169,25
2
309 DATA COLORADO,DENVER,COLORADO-SPRING
S,PUEBLO,270.000,2.357.000,178,216,182,2
10,184,201
310 DATA NOUVEAU MEXIQUE,SANTA FE,ALBUQU
ERQUE,LOS ALAMOS,315.000,1.016.000,171,1
69,162,159,163,173
311 DATA TEXAS,AUSTIN,HOUSTON,DALLAS,692
.403,11.197.000,230,108,262,98,246,129
312 DATA OKLAHOMA,OKLAHOMA-CITY,TULSA,LA
MTON,295.022,1.772.000,246,166,258,173,2
37,161
313 DATA KANSAS,TOPEKA,KANSAS-CITY,WICHI
TA,213.063,2.249.000,256,205,264,205,248
,193
314 DATA NEBRASKA,LINCOLN,OMAHA,FREMONT,
200.017,1.484.000,248,226,254,232,247,23
7
315 DATA DAKOTA DU SUD,PIERRE,SIOUX-FALL
S,RAPID CITY,199.551,666.000,221,271,249
,262,199,266
316 DATA DAKOTA DU NORD,BISMARCK,FARGO,B
RAND FORKS,183.022,618.000,212,300,242,3
03,241,313
317 DATA MINNESOTA,ST PAUL,DULUTH,MINNEA
POLIS,217.735,3.805.000,276,280,290,311,
276,276
318 DATA IOWA,DES MOINES,DAVENPORT,WATER
LOO,145.790,2.825.000,275,243,298,244,28
7,253
319 DATA MISSOURI,JEFFERSON-CITY,ST LOUI
S,KANSAS CITY,180.456,4.677.000,286,203,
299,205,272,205
320 DATA ARKANSAS,LITTLE ROCK,FORT SMITH
,FAYETTEVILLE,137.539,1923.000,290,161,2
79,163,279,170
321 DATA LOUISIANE,BATON ROUGE,NEW ORLEA
NS,SHREVEPORT,125.674,3.643.000,309,106,
320,102,285,129
322 DATA MISSISSIPPI,JACKSON,BILOXI,MERID
IAN,123.584,2.217.000,316,132,327,114,32
4,134
323 DATA ALABAMA,MONTGOMERY,BIRMINGHAM,M
OBILE,133.667,3.444.000,352,139,345,151,
338,118
324 DATA GEORGIE,ATLANTA,MACON,COLUMBUS,
152.488,4.590.000,377,155,385,149,373,14
2
325 DATA FLORIDE,TALLAHASSEE,MIAMI,TAMPA
,151.670,6.789.000,381,120,433,75,407,93
326 DATA CAROLINE DU SUD,COLUMBIA,GREENV
ILLE,CHARLESTON,80.432,2.665.000,407,167
,394,171,415,155
327 DATA CAROLINE DU NORD,RALEIGH,CHARLO
TTE,GREENSBORO,136.197,5.214.000,412,188
,396,183,400,192
328 DATA TENNESSEE,NASHVILLE,MEMPHIS,CHA
TTANOOGA,109.412,3.924.000,345,180,311,1
69,356,172

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329 DATA KENTUCKY,FRANKFORT,LOUISVILLE,L
EXINGTON,104.623,3.183.000,352,203,348,2
06,356,202
330 DATA VIRGINIE,RICHMOND,NORFOLK,ROAND
KE,105.716,4.648.000,416,208,427,206,402
,205
331 DATA ALASKA,JUNEAU,ANCHORAGE,FAIBANK
S,1.520.000,352.000,113,55,75,71,79,88
332 DATA CONNECTICUT,HARTFORD,NEW HAVEN,
WATERBURY,12.973,3.082.000,448,276,445,2
72,454,278
333 DATA DELAWARE,DOVER,WILMINGTON," ",5
328,548.000,429,234,431,231,0,0
334 DATA HAWAII,HONOLULU,HAWAII,HILLO,16.600
,770.000,285,58,304,61,320,50
335 DATA ILLINOIS,SPRINGFIELD,CHICAGO,PE
ORIA,146.075,11.114.000,308,221,312,244,
304,232
336 DATA INDIANA,INDIANAPOLIS,FORT-WAYNE
,EVANSVILLE,94.000,5.194.000,335,227,340
,240,331,207
337 DATA MAINE,AUGUSTA,PORTLAND,LEWISTON
,86.027,985.000,466,309,460,298,462,304
338 DATA MARYLAND,ANNAPOLIS,BALTIMORE,HA
BERSTOWN,27.394,3.922.000,419,220,426,22
7,402,230
339 DATA MASSACHUSETTS,BOSTON,WORCESTER
,SPRINGFIELD,21.385,5.689.000,456,285,45
0,286,445,282
340 DATA MICHIGAN,LANSING,DETROIT,FLINT,
150.780,8.875.000,345,263,356,258,352,26
6
341 DATA NEW HAMPSHIRE,CONCORD,MANCHESTE
R,BERLIN,24.097,738.000,451,300,452,297,
452,306
342 DATA NEW JERSEY,TRENTON,JERSEY-CITY,
CAMDEN,20.295,7.168.000,434,244,437,253,
436,238
343 DATA NEW YORK,ALBANY,NEW YORK,BUFFAL
O,128.400,18.237.000,435,278,445,259,400
,268
344 DATA OHIO,COLUMBUS,CLEVELAND,CINCINN
ATI,106.765,10.653.000,360,232,368,242,3
56,220
345 DATA PENNSYLVANIE,HARRISBURG,PHILADE
LPHIE,PITTSBURGH,117.412,11.794.000,409,
242,425,242,391,240
346 DATA RHODE ISLAND,PROVIDENCE,NEWPORT
,WARWICK,3144,950.000,0,0,0,0,462,276
347 DATA VERMONT,MONTPELIER,RUTLAND,NEWP
ORT,24.887,445.000,443,308,443,296,443,3
14
348 DATA VIRGINIE OCCIDENTALE,CHARLESTON
,HUNTINGTON,WEELING,62.629,1.744.000,382
,213,377,208,385,220
349 DATA WISCONSIN,MADISON,MILWAUKEE,APP
LETON,145.384,4.418.000,307,265,317,270,
311,280
350 DATA DISTRICT OF COLUMBIA,WASHINGTON
," ","",174,748.000,0,0,0,0,416,227
351 RETURN
600 ** message d'attente
610 MODE 1:INK 1,24:PEN 1:INK 0,0:LOCATE
2,22:PRINT "VEUILLEZ PATIENTER QUELQUES
SECONDES !"
620 LOCATE 12,24:PRINT "CHARGEMENT de L'
ECRAN.":FOR i=1 TO 2000:NEXT:INK 1,24,2
6:FOR i=1 TO 1000:NEXT
630 INK 1,0
999 ***** ecran carte titre"

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1000 MODE 1:ORIGIN 0,40:INK 0,0:INK 1,0:
INK 2,0:INK 3,0: BORDER 1
1010 WINDOW #1,2,39,22,25:WINDOW #2,32,3
9,2,12:WINDOW #3,32,39,14,20
1020 PEN #1,3:PAPER #1,2:PEN #2,2:PAPER
#2,3:PAPER #3,0:PEN #3,1
1030 CLS #1:CLS #2:CLS #3
1035 SYMBOL 250,0,0,56,56,56,0,0,0
1040 DIM E$(51),C$(51),V1$(51),V2$(51),S
$(51),P$(51),ET$(51),A1$(51),A2$(51),B1(51
),B2(51),C1(51),C2(51),VC$(51),COUP(20)
1045 RESTORE 1650
1050 PLOT 42,350:FOR i=1 TO 11:READ a,b:
DRAW a,b,1:NEXT:"washington"
1060 PLOT 30,313:FOR i=1 TO 7:READ a,b:D
RAW a,b,1:NEXT:"oregon"
1070 PLOT 16,269,1:FOR i=1 TO 20:READ a,
b:DRAW a,b,1:NEXT:"californie"
1080 PLOT 90,335:FOR i=1 TO 13:READ a,b:
DRAW a,b,1:NEXT:"idaho"
1090 PLOT 99,333,1:FOR i=1 TO 3:READ a,b
:DRAW a,b,1:NEXT:"montana"
1100 PLOT 188,277:FOR i=1 TO 3:READ a,b:
DRAW a,b,1:NEXT:"Wyoming"
1110 PLOT 101,251:FOR i=1 TO 3:READ a,b:
DRAW a,b,1:NEXT:"Nevada"
1120 PLOT 91,193:FOR i=1 TO 2:READ a,b:D
RAW a,b,1:NEXT:"Utah"
1130 PLOT 77,140:FOR i=1 TO 4:READ a,b:D
RAW a,b,1:NEXT:"Arizona"
1140 PLOT 133,120:FOR i=1 TO 7:READ a,b:
DRAW a,b,1:NEXT:"Nouveau Mexique"
1150 PLOT 188,230,1:FOR i=1 TO 3:READ a,
b:DRAW a,b,1:NEXT:"Colorado"
1160 PLOT 156,122:FOR i=1 TO 20:READ a,b
:DRAW a,b,1:NEXT:"TEXAS"
1170 PLOT 203,182:FOR i=1 TO 2:READ a,b:
DRAW a,b,1:NEXT:"Oklahoma"
1180 PLOT 271,183:FOR i=1 TO 4:READ a,b:
DRAW a,b,1:NEXT:"kansas"
1190 PLOT 267,217:FOR i=1 TO 10:READ a,b
:DRAW a,b,1:NEXT:"nebraska"
1200 PLOT 255,249:FOR i=1 TO 3:READ a,b:
DRAW a,b,1:NEXT:"Dakota du sud"
1210 PLOT 251,289:FOR i=1 TO 2:READ a,b:
DRAW a,b,1:NEXT:"Dakota du nord"
1220 PLOT 245,323:FOR i=1 TO 10:READ a,b
:DRAW a,b,1:NEXT:"Minnesota"
1230 PLOT 293,262:FOR i=1 TO 9:READ a,b:
DRAW a,b,1:NEXT:"iowa"
1240 PLOT 292,229:FOR i=1 TO 17:READ a,b
:DRAW a,b,1:NEXT:"Missouri"
1250 PLOT 310,176:FOR i=1 TO 5:READ a,b:
DRAW a,b,1:NEXT:"Arkansas"
1260 PLOT 281,96:FOR i=1 TO 18:READ a,b:
DRAW a,b,1:NEXT:"Louisiane"
1270 PLOT 321,110:FOR i=1 TO 3:READ a,b:
DRAW a,b,1:NEXT:"MISSISSIPPI"
1280 PLOT 334,110:FOR i=1 TO 9:READ a,b:
DRAW a,b,1:NEXT:"Alabama"
1290 PLOT 352,112:FOR i=1 TO 16:READ a,b
:DRAW a,b,1:NEXT:"FLORIDE"
1300 PLOT 361,168:FOR i=1 TO 8:READ a,b:
DRAW a,b,1:NEXT:"Georgie"
1310 PLOT 385,171:FOR i=1 TO 6:READ a,b:
DRAW a,b,1:NEXT:"Caroline du sud"
1320 PLOT 313,183:FOR i=1 TO 4:READ a,b:
DRAW a,b,1:NEXT:"Tennessee"
1330 PLOT 383,195:FOR i=1 TO 9:READ a,b:
DRAW a,b,1:NEXT:"Caroline du nord"

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1340 PLOT 313,193:FOR i=1 TO 9:READ a,b:
DRAW a,b,1:NEXT: 'illinois
1350 PLOT 324,200:FOR i=1 TO 12:READ a,b
DRAW a,b,1:NEXT: 'KENTUCKY
1360 PLOT 377,201:FOR i=1 TO 13:READ a,b
DRAW a,b,1:NEXT: 'VIRGINIE
1370 PLOT 321,246:FOR i=1 TO 4:READ a,b:
DRAW a,b,1:NEXT: 'INDIANA
1380 PLOT 371,209:FOR i=1 TO 11:READ a,b
DRAW a,b,1:NEXT: 'OHIO
1390 PLOT 385,230:FOR i=1 TO 4:READ a,b:
DRAW a,b,1:NEXT: 'virginie occidentale
1400 PLOT 396,233:FOR i=1 TO 8:READ a,b:
DRAW a,b,1:NEXT: 'MARYLAND
1410 PLOT 428,224:FOR i=1 TO 3:READ a,b:
DRAW a,b,1:NEXT: 'VIRGINIE (COMPLEMENT
1420 PLOT 426,237:FOR i=1 TO 3:READ a,b:
DRAW a,b,1:NEXT: 'Delaware
1430 PLOT 317,253:FOR i=1 TO 10:READ a,b
DRAW a,b:NEXT: 'WISCONSIN
1440 PLOT 308,307:FOR i=1 TO 13:READ a,b
DRAW a,b:NEXT: 'MICHIGAN 1
1450 PLOT 328,248:FOR i=1 TO 12:READ a,b
DRAW a,b:NEXT: 'MICHIGAN 2
1460 PLOT 377,255:FOR i=1 TO 9:READ a,b:
DRAW a,b:NEXT: 'PENNSYLVANIE
1470 PLOT 435,235:FOR i=1 TO 4:READ a,b:
DRAW a,b:NEXT: 'NEW JERSEY
1480 PLOT 443,255:FOR i=1 TO 14:READ a,b
DRAW a,b:NEXT: 'new york
1490 PLOT 440,285:FOR i=1 TO 5:READ a,b:
DRAW a,b:NEXT: 'vermont
1500 PLOT 447,289:FOR i=1 TO 4:READ a,b:
DRAW a,b:NEXT: 'NEW HAMPSHIRE
1510 PLOT 452,318:FOR i=1 TO 14:READ a,b
DRAW a,b:NEXT: 'MAINE
1520 PLOT 441,276:FOR i=1 TO 8:READ a,b:
DRAW a,b:NEXT: 'MASSACHUSSETS
1530 PLOT 447,263:FOR i=1 TO 3:READ a,b:
DRAW a,b:NEXT: 'CONNECTICUT
1540 PLOT 459,272:FOR i=1 TO 2:READ a,b:
DRAW a,b:NEXT: 'RHODE ISLAND
1550 PLOT 36,52:FOR i=1 TO 38:READ a,b:D
RAW a,b: NEXT: 'ALASKA
1560 PLOT 303,64:FOR i=1 TO 14:READ a,b:
DRAW a,b:NEXT: PLOT 282,67:FOR i=1 TO 4
READ a,b:DRAW a,b:NEXT: 'HAWAI
1570 PLOT 411,229:FOR i=1 TO 2:READ a,b:
DRAW a,b:NEXT: 'DISTRICT OF COLUMBIA
1580 PLOT 360,255:FOR i=1 TO 5:READ a,b:
DRAW a,b,1:NEXT: 'LAC ERIE
1590 PLOT 300,316:FOR i=1 TO 17:READ a,b
DRAW a,b,1:NEXT: 'LACS SUPERIEUR-HURON-
MICHIGAN
1600 PLOT 395,275:FOR i=1 TO 4:READ a,b:
DRAW a,b,1:NEXT: 'LAC ONTARIO
1610 PLOT 42,355:DRAW 0,-5:PLOT 54,142:
DRAW 4,-11:PLOT 247,48:DRAW -1,-10:DRA
WR -5,-11:PLOT 481,332:DRAW 10,0:PLOT 9
5,107:DRAW 13,-5:DRAW 0,7:PLOT 122,30:
DRAW 0,-3: 'FRONTIERES
1620 PLOT 4,354:DRAW 0,-328,1:DRAW 486
0,1:DRAW 0,328,1:DRAW -486,0,1:PLOT 5
130:DRAW 74,0,1:DRAW 62,-32,1:DRAW 0
-72,1:PLOT 270,26:DRAW 0,50,1:DRAW 70
0,1:DRAW 0,-50,1:PLOT 275,26:DRAW 0,4
6,1:DRAW 62,0,1:DRAW 0,-46,1
1630 PLOT 5,126:DRAW 70,0,1:DRAW 61,-3
0,1:DRAW 0,-67,1

1640 'washington
1650 DATA 0,-2,4,0,0,-6,0,-10,-16,6,0,-2
6,6,0,6,-12,42,0,6,34,-44,5
1660 'oregon
1670 DATA -14,-30,0,-14,60,-14,6,22,-2,4
8,10,-4,10
1680 'californie
1690 DATA 0,-6,-6,-10,2,-20,4,-14,8,0,-6
-6,0,-4,4,-4,-2,-4,6,-24,12,-6,2,-4,4,0
0,-4,6,-6,4,-14,22,-2,8,20,-42,60,6,38
1700 'idaho
1710 DATA 8,-2,-2,-12,4,-6,0,-4,6,-8,-2,
-12,4,0,4,-10,2,0,2,-4,12,4,-2,-34,-52,8
1720 'montana
1730 DATA 92,-10,-2,-46,-60,2
1740 'WYOMING
1750 DATA 0,-46,-60,4,-2,12
1760 'Nevada
1770 DATA -10,-68,-6,0,-4,-12
1780 'Utah
1790 DATA 50,-6,6,46
1800 'Arizona
1810 DATA 6,-4,30,-16,20,0,8,66
1820 'Nouveau Mexique
1830 DATA 8,-2,2,4,14,0,0,2,36,0,4,60,-5
6,2
1840 'Colorado
1850 DATA 16,-2,-2,-46,-6,-2
1860 'TEXAS
1870 DATA 14,-14,6,-14,12,-6,6,10,6,0,6,
-4,16,-26,0,-8,24,-10,-4,16,8,14,20,14,1
0,2,0,24,-2,6,0,2,-4,14,-52,10,0,20,-26,
0
1880 'oklahoma
1890 DATA 68,0,4,-40
1900 'Kansas
1910 DATA -2,26,-2,4,0,2,-60,0
1920 'Nebraska
1930 DATA -6,8,0,6,-2,4,0,4,-4,10,-4,0,-
6,4,-4,-1,-1,1,-50,0
1940 'Dakota du sud
1950 DATA -4,40,-30,-3,-30,2
1960 'Dakota du nord
1970 DATA -6,34,-52,0
1980 'Minnesota
1990 DATA 14,0,20,-8,22,0,-16,-18,0,-6,-
4,-6,0,-8,12,-8,0,-6,-40,0
2000 'IOWA
2010 DATA 2,-6,6,-4,1,-8,-4,-6,-4,0,0,-2
1,-2,-4,-6,-30,0
2020 'Missouri
2030 DATA 2,-8,2,-1,2,-5,2,-2,4,-8,2,0,1
-5,4,-4,2,-4,0,-4,2,0,1,-1,-6,-6,0,-4,-
6,0,0,6,-34,-7
2040 'Arkansas
2050 DATA -4,-8,0,-4,-2,-10,-6,-16,-22,-
4
2060 'Louisiane
2070 DATA 2,2,12,0,4,2,8,-6,8,0,4,4,8,-4
4,2,-6,4,0,6,-10,0,0,5,8,0,-4,6,-16,0,0
6,4,8,-6,8
2080 'MISSISSIPI
2090 DATA 12,1,-4,54,-22,-1
2100 'Alabama
2110 DATA 4,4,4,-2,8,1,-4,8,24,2,-1,10,0
6,-8,30,-30,-4
2120 'FLORIDE
2130 DATA 12,2,6,-1,1,-4,10,0,2,4,18,-12
4,-20,24,-20,6,0,2,16,-6,14,-18,36,0,4,
-4,0,0,-2,-44,-6

2140 'GEORGIE
2150 DATA 24,2,2,-4,-4,2,2,-4,6,-2,4,-6,
14,-12,2,-17
2160 'caroline du sud
2170 DATA 10,6,8,3,4,-4,10,1,14,-8,-20,-
24
2180 'TENNESSEE
2190 DATA 70,12,-2,-8,-4,-2,-10,-14
2200 'Caroline du nord
2210 DATA 54,10,6,-4,-4,-6,4,0,0,-6,-6,-
2,4,-2,0,-4,-8,-10
2220 'Illinois
2230 DATA 6,0,2,4,2,0,-1,4,4,14,-4,6,-2,
22,-5,10,-18,-1
2240 'KENTUCKY
2250 DATA 4,0,4,-2,6,5,1,-1,4,0,-1,6,6,8
4,0,2,-3,12,1,10,-15,-4,-6
2260 'VIRGINIE
2270 DATA 0,2,10,2,10,14,1,0,4,10,5,0,1,
1,6,-4,5,-10,2,-3,9,0,1,-1,3,-8
2280 'indiana
2290 DATA 6,1,2,2,16,2,6,-35
2300 'OHIO
2310 DATA 4,4,0,6,4,0,0,4,4,2,0,12,-6,18
-10,-8,-10,0,0,4,-12,-1
2320 'VIRGINIE OCCIDENTALE
2330 DATA 1,-5,10,6,2,-4,12,2
2340 'MARYLAND
2350 DATA 30,3,4,-8,6,-1,-1,-4,-8,0,-4,5
-1,-13,-4,0
2360 'VIRGINIE (complement)
2370 DATA 2,-8,4,0,4,8
2380 'Delaware
2390 DATA 4,4,8,-10,-2,-2
2400 'WISCONSIN
2410 DATA 4,18,2,4,2,8,-4,-2,4,12,-1,4,-
18,10,-8,0,0,4,-3,0
2420 'MICHIGAN 1
2430 DATA 14,10,1,0,0,1,-2,-2,2,-1,4,-2,
18,2,8,-6,-2,-2,-10,0,-6,-6,-4,2,-4,-4
2440 'MICHIGAN 2
2450 DATA 3,8,-4,14,3,12,8,12,12,-2,2,-1
0,-2,-8,4,0,4,2,0,4,-10,-6,-16
2460 'PENNSYLVANIE
2470 DATA 10,6,6,0,8,4,20,2,8,-5,0,-12,4
0,-4,-6,-1,-2
2480 'NEW JERSEY
2490 DATA 6,-2,2,20,-2,4,-10,4
2500 'new york
2510 DATA 14,8,-1,6,-9,-7,-4,2,-8,48,-6,
-2,-12,-16,3,-6,-3,-6,-10,0,-10,-5,0,-5,
-6,-4,-5,-10
2520 'VERMONT
2530 DATA 7,4,-1,14,2,6,-1,10,-12,-4
2540 'new hampshire
2550 DATA 12,6,-6,18,-3,3,-3,4
2560 'MAINE
2570 DATA 2,16,4,14,10,2,6,-2,0,-6,6,-10
6,0,-4,-4,4,-4,-10,-10,-1,1,-10,-12,-1,
-10,-5,-1
2580 'massachussets
2590 DATA 12,6,4,1,6,-4,6,2,0,1,-2,2,-4,
-1,-4,12
2600 'CONNECTICUT
2610 DATA 0,6,12,6,0,5
2620 'RHODE ISLAND
2630 DATA 6,0,0,6
2640 'ALASKA
2650 DATA 12,0,14,8,-2,5,10,6,-2,-14,10,
5,26,-10,2,2,10,-12,6,-12,4,2,-10,25,-2,


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0,-1,4,-8,0,-2,4,-4,2,-4,42,-12,4,-4,1,-
4,4,-2,-2,-6,6,-18,-10,2,-14,-8,4,-6,-4,
4,-6,10,-2,0,-4,-10,-2,-2,-4,1,-10,4,0,-
1,-8,-12,-1,0,-4,14,-6
2660 'HAWAI
2670 DATA 4,0,16,-4,0,-6,6,-4,0,-4,-16,-
6,-6,-8,-8,4,-4,10,6,6,0,4,-4,0,0,4,4,2,
10,-4,0,-10,-10,4,0,10
2680 'DISTRICT OF COLUMBIA
2690 DATA 7,2,1,-6
2700 'LAC ERIE
2710 DATA 6,0,10,14,4,0,6,4,4,0
2720 'LACS SUPERIEUR-HURON-MICHIGAN
2730 DATA 4,6,4,-2,8,6,3,-5,2,6,14,0,8,-
6,6,-1,7,-10,6,-1,16,-6,8,-8,0,-5,-6,0,-
6,6,-4,-24,-4,-6
2740 'LAC ONTARIO
2750 DATA -6,1,12,12,6,0,8,6
2760 PLOT 11,204,3:CALL &A50,1:PLOT 479
,168,3:CALL &A50,1:PLOT 280,60,3:CALL &
&A50,1:PLOT 17,60,3:CALL &A50,1
2770 PLOT 140,344,1:CALL &A50,1
2780 PLOT 152,86,1:CALL &A50,1:PLOT 128
,86,1:CALL &A50,1
2790 PLOT 360,301,3:CALL &A50,1:PLOT 37
9,265,3:CALL &A50,1:PLOT 412,288,3:CALL
&A50,1:'LACS
2800 PEN 2:LOCATE 11,1:PRINT "XETATS UNI
SX":INK 0,6:INK 1,0:INK 2,26:INK 3,5
3000 '***** MENU *****
3010 BORDER 1:CLS #3:CLS #2:INK 2,26:LOC
ATE #2,1,1:PRINT #2," X MENU X "
3020 LOCATE #2,1,3:PRINT #2,"1-COURS"
3021 LOCATE #2,1,4:PRINT #2," de GEO"
3030 LOCATE #2,1,6:PRINT #2,"2-ETATS"
3040 LOCATE #2,1,8:PRINT #2,"3-VILLES"
3050 AS=INKEY$:IF AS="" THEN 3050
3051 IF AS<"1" OR AS>"3" THEN 3050
3052 IF AS="C" THEN GOTO 29000
3070 ON VAL(AS) GOTO 4005,5005,20000
4000 '***** etat (glossaire) *****
4005 BORDER B
4010 CLS #1
4015 CLS #2:LOCATE #2,2,1:PRINT #2,"XCOU
RSX":LOCATE #3,2,2:PRINT #3,"XENTERX":PR
INT #3,"->MENU":LOCATE #3,2,5:PRINT #3,"
XSPACEX":PRINT #3,"->SUITE":RESTORE 3
00:FOR I=1 TO 51:READ E$(I),C$(I),V$(I)
,V2$(I),S$(I),P$(I),A1(I),A2(I),B1(I),B2
(I),C1(I),C2(I)
4020 PEN #1,1:LOCATE #1,1,1:PRINT #1,"ET
AT":LOCATE #1,1,2:PRINT #1,"CAPITALE":
LOCATE #1,1,3:PRINT #1,"V.PR":LOCATE #1
,1,4:PRINT #1,"SUP":LOCATE #1,15,4:PRIN
T #1,"POP:"
4030 PEN #1,0:LOCATE #1,8,1:PRINT #1,E$(
I):LOCATE #1,11,2:PRINT #1,C$(I):PEN #1
,0:PRINT #1,CHR$(250):PEN #1,1:LOCATE #1
,6,3:PRINT #1,V1$(I):CHR$(250):" " V2$(
I):" " CHR$(144):LOCATE #1,6,4:PRINT #1,
S$(I):LOCATE #1,20,4:PRINT #1,P$(I):C=2:
GOSUB 4070
4035 Q=2:Q1=0:Q2=1:Q3=3:PLOT A1(I),A2(I)
,Q1:GOSUB 4100:PLOT B1(I),B2(I),Q2:GOSUB
4100:PLOT C1(I),C2(I),Q3
4040 AS=INKEY$:IF AS="" THEN 4040
4050 IF AS=CHR$(13) THEN C=0:GOSUB 4065:
GOSUB 4070:CLS #1:GOTO 3010 ELSE C=0:GOS
UB 4065:GOSUB 4070:CLS #1:NEXT
4060 GOTO 3010

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4065 Q1=2:Q2=2:Q3=2:PLOT A1(I),A2(I),Q1:
GOSUB 4100:PLOT B1(I),B2(I),Q2:GOSUB 410
0:PLOT C1(I),C2(I),Q3
4070 ON I GOSUB 200,201,202,203,204,205,
206,207,208,209,210,211,212,213,214,215,
216,217,218,219,220,221,222,223,224,225,
226,227,228,229,230,232,233,234,235,236,
237,238,239,240,241,243,244,245,246,247,
248,249,250,251,252
4080 RETURN
4100 DRAW 0,2:DRAW 2,0:DRAW 0,-2:DRAW
R -2,0:RETURN
5000 '***** JEU *****
5005 BORDER 22:SCORE=0:ESSAI=0
5010 CLS #1:CLS #2:CLS #3:INK 2,24:PEN #
1,1
5020 LOCATE #2,1,1:PRINT #2,"X ETATS X"
5030 LOCATE #3,1,1:PRINT #3,"XSCORE:X"
5040 LOCATE #3,1,3:PRINT #3,"XESSAI:X"
5050 RESTORE 300:FOR Y=1 TO 51:READ E$(Y)
,C$(Y),V1$(Y),V2$(Y),S$(Y),P$(Y),A1(Y),
A2(Y),B1(Y),B2(Y),C1(Y),C2(Y):NEXT
5055 GOSUB 7000
5060 S=1
5065 Y=COUP(S)
5070 C=2
5080 ON Y GOSUB 200,201,202,203,204,205,
206,207,208,209,210,211,212,213,214,215,
216,217,218,219,220,221,222,223,224,225,
226,227,228,229,230,232,233,234,235,236,
237,238,239,240,241,243,244,245,246,247,
248,249,250,251,252
5100 LOCATE #1,1,1:PRINT #1,"Ville Capit
ale d'Etat:";" " C$(Y)
5105 PLOT A1(Y),A2(Y),0:GOSUB 4100
5110 LOCATE #1,1,3:INPUT #1,"XETATX:";ET
$(Y)
5120 IF ET$(Y)=E$(Y) THEN LOCATE #2,1,5:
PRINT #2,"BRAVO":FOR I=1 TO 10:SOUND 1,1
*20,20,7:NEXT I:GOTO 5140
5130 IF ET$(Y)<E$(Y) THEN LOCATE #2,1,5
:PRINT #2,"X FAUX X":LOCATE #1,5,4:PEN #
1,0:PRINT #1,"XREPONSEX:";E$(Y):PEN #1,1
:FOR I=80 TO 100 STEP 20:SOUND 1,1*10,15
0,7,,12:NEXT I:FOR I=1 TO 1000:NEXT:GOTO
5150
5140 SCORE=SCORE+1:ESSAI=ESSAI+1:LOCATE
#3,3,2:PRINT #3,USING "##";SCORE:LOCATE
#3,3,4:PRINT #3,USING "##";ESSAI:FOR I=1
TO 200:NEXT:LOCATE #2,1,5:PRINT #2,"
"C=0:PLOT A1(Y),A2(Y),0:GOSUB 4100:GO
TO 5160
5150 ESSAI=ESSAI+1:LOCATE #3,3,2:PRINT #
3,USING "##";SCORE:LOCATE #3,3,4:PRINT #
3,USING "##";ESSAI:LOCATE #2,1,5:PRINT #
2," " :PEN #1,1:PLOT A1(Y),A2(Y),0:G
OSUB 4100:C=0
5160 ON Y GOSUB 200,201,202,203,204,205,
206,207,208,209,210,211,212,213,214,215,
216,217,218,219,220,221,222,223,224,225,
226,227,228,229,230,232,233,234,235,236,
237,238,239,240,241,243,244,245,246,247,
248,249,250,251,252
5220 IF ESSAI>19 THEN CLS #1:LOCATE #2,1
,3:PRINT #1,"LE TEST EST TERMINE":FOR I=
1 TO 2000:NEXT:GOSUB 15000:GOTO 3000
5230 S=S+1:CLS #1:GOTO 5065
7000 FOR A=1 TO 20:COUP(A)=0:NEXT:A=1
7010 X=INT(RND*51)+1
7020 FOR Z=1 TO 20:IF X=COUP(Z) THEN 701

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0 ELSE NEXT
7030 COUP(A)=X
7040 A=A+1
7050 IF A>20 THEN 7070
7060 GOTO 7010
7070 RETURN
15000 CLS #1:CLS #3
15010 LOCATE #1,2,1:PRINT #1,"VOUS AVEZ
TROUVE " ;SCORE;"REPONSES":PRINT #1," SUR
" ;ESSAI;" QUESTIONS":PRINT #1," MOYENNE
-> " ;PRINT #1,USING "###.##";(SCORE/ES
SAI)*100;PRINT #1," X"
15020 RETURN
20000 '***** VILLE *****
20005 SCORE=0:ESSAI=0
20010 BORDER 26:CLS #1:CLS #2:CLS #3:INK
2,19:PEN #1,1
20020 LOCATE #2,1,1:PRINT #2,"X VILLES X
"
20030 LOCATE #3,1,1:PRINT #3,"XSCORE:X"
20040 LOCATE #3,1,3:PRINT #3,"XESSAI:X"
20050 RESTORE 300:FOR Y=1 TO 51:READ E$(Y)
,C$(Y),V1$(Y),V2$(Y),S$(Y),P$(Y),A1(Y)
,A2(Y),B1(Y),B2(Y),C1(Y),C2(Y):NEXT
20055 GOSUB 7000
20060 S=1
20065 Y=COUP(S)
20070 C=2
20080 ON Y GOSUB 200,201,202,203,204,205,
206,207,208,209,210,211,212,213,214,215,
216,217,218,219,220,221,222,223,224,225,
226,227,228,229,230,232,233,234,235,236,
237,238,239,240,241,243,244,245,246,247,
248,249,250,251,252
20100 LOCATE #1,1,1:PRINT #1,"ETAT:";" "
;E$(Y)
20105 PLOT A1(Y),A2(Y),0:GOSUB 4100
20110 LOCATE #1,1,3:INPUT #1,"XVILLE CAP
ITALEX:";VC$(Y)
20120 IF VC$(Y)=C$(Y) THEN LOCATE #2,1,5
:PRINT #2,"BRAVO":FOR I=1 TO 10:SOUND 1,
1*20,20,7:NEXT I:FOR I=1 TO 500:NEXT:BOT
O 20140
20130 IF VC$(Y)<C$(Y) THEN LOCATE #2,1,
5:PRINT #2,"X FAUX X":LOCATE #1,5,4:PEN
#1,0:PRINT #1,"XREPONSEX:";C$(Y):PEN #1,
1:FOR I=80 TO 100 STEP 20:SOUND 1,1*10,1
50,7,,12:NEXT I:FOR I=1 TO 1000:NEXT:GOTO
20150
20140 SCORE=SCORE+1:ESSAI=ESSAI+1:LOCATE
#3,3,2:PRINT #3,USING "##";SCORE:LOCATE
#3,3,4:PRINT #3,USING "##";ESSAI:FOR I=
1 TO 200:NEXT:LOCATE #2,1,5:PRINT #2,"
"C=0:PLOT A1(Y),A2(Y),0:GOSUB 4100:G
OTO 20160
20150 ESSAI=ESSAI+1:LOCATE #3,3,2:PRINT
#3,USING "##";SCORE:LOCATE #3,3,4:PRINT
#3,USING "##";ESSAI:LOCATE #2,1,5:PRINT
#2," " :PLOT A1(Y),A2(Y),0:GOSUB 4100
0:C=0
20160 ON Y GOSUB 200,201,202,203,204,205,
206,207,208,209,210,211,212,213,214,215,
216,217,218,219,220,221,222,223,224,225,
226,227,228,229,230,232,233,234,235,236,
237,238,239,240,241,243,244,245,246,247,
248,249,250,251,252
20220 IF ESSAI>19 THEN CLS #1:LOCATE #2,
1,3:PRINT #1,"LE TEST EST TERMINE":FOR I
=1 TO 2000:NEXT:GOSUB 15000:GOTO 3000
20230 S=S+1:CLS #1:GOTO 20065

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