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10 GOTO 1000
100 CLS:PRINT"SISÄLTÖ"
105 PRINT""
110 PRINT"ERIKOISMERKIT"
120 PRINT"list 2000-3720"
130 PRINT"KULKUT.VAIHT"
140 PRINT"list 4010-4190"
150 PRINT"Er-FUNKTIOT"
160 PRINT"list 4250-4460"
170 PRINT"VIHOLLISTIET"
180 PRINT"list 4520-4690"
190 PRINT"Er-KUVAT"
200 PRINT"list 4820-4940"
210 PRINT"Op-KUVAT"
220 PRINT"list 5530-5700"
230 PRINT"REAALIAIKALOOPPI"
240 PRINT"list 6030-"
250 PRINT"RADANLUKU"
260 PRINT"list 6030-6180"
270 PRINT"NÄPP. LUKU"
280 PRINT"list 6520-7200"
290 PRINT"KÄSKYN EROTTELU"
300 PRINT"list 7500-8000"
305 PRINT"RUN310":END
310 PRINT"SUOR.OSA"
320 PRINT"list 8000-"
330 PRINT"YKSIT.VAIHDE"
340 PRINT"list 8040-8060"
350 PRINT"KULKUTIE"
360 PRINT"list 8200-"
370 PRINT"KULKUT.EROTT."
380 PRINT"list 8200-8310"
390 PRINT"VIHOLL./VARATUT"
400 PRINT"list 8500-8730"
410 PRINT"V.KÄÄNTÖREK"
420 PRINT"list 8800-9310"
430 PRINT"LUKIT"
440 PRINT"list 9310-9380"
450 PRINT"LUKIT.PURKU"
460 PRINT"list 9510-9720"
470 PRINT"APUA?"
480 PRINT"list 10000-11000"
490 PRINT"KUVIA"
500 PRINT"list 11000-13080"
510 PRINT"KELLO"
515 PRINT"RUN520":END
520 PRINT"list 14000-14080"
530 PRINT"PERUNÄYTTO"
540 PRINT"list 20000-20160"
550 END
1000 *****
1010 '* *
1020 '* PIHLAJAMAA /PRK ry *
1030 '* *
1040 *****
1050 '
1060 'rivillä 5530 goto-rivi
vaihdettu7000:stä
8200:aan, kierrosaika
lyheni puoleen!!!
1070 '*** ALUSTUS *****
1080 '
1090 CLS:KEYOFF:DEFINT A-Z
1100 V=1:VM=8:RM=6:KM=12
1110 TIME=0
1120 DIM IP(12),KV(KM+1,VM+1),
KT(KM+1),VL(VM+1),
KK(KM+1),OX(KM),OY(KM),
VT(KM,KM),ER(KM,RM),
OP(KM),KP(KM)
1130 C=1:TU=12
1140 FOR Q=1 TO VM
1150 VU(Q)=2
1160 NEXT Q
1500 *****
* F-10 NÄPPÄIN *
*****
1510 KEY
10,CHR$(12)+"RUN100"+CHR$(13)
1600 *****
* F-7 NÄPPÄIN *
*****
1610 KEY7,"load"+CHR$(34)
2000 *****ERIKOISMERKIT*****
2010 CLS:SCREEN1
2020 LOCATE 5,5:
PRINT"COPYRIGHT:"
2030 LOCATE 5,8:

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PRINT" PRK RY"
2040 FOR I= 1272 TO 1279
2050 READ B$
2060 VPOKEI,VAL("&B"+B$)
2070 NEXT
2080 DATA 11111111
2090 DATA 10000001
2100 DATA 10001001
2110 DATA 10011001
2120 DATA 10001001
2130 DATA 10001001
2140 DATA 10001001
2150 DATA 00011100
2160 FOR I=1736 TO 1743
2170 READ B$
2180 VPOKEI,VAL("&B"+B$)
2190 NEXT
2200 DATA 11111111
2210 DATA 10000001
2220 DATA 10011001
2230 DATA 10100101
2240 DATA 10000101
2250 DATA 10011001
2260 DATA 10100001
2270 DATA 00111100
2280 FOR I=1528 TO 1535
2290 READ B$
2300 VPOKEI,VAL("&B"+B$)
2310 NEXT
2320 DATA 11111111
2330 DATA 10000001
2340 DATA 10111101
2350 DATA 10001001
2360 DATA 10011001
2370 DATA 10000101
2380 DATA 10000101
2390 DATA 00111100
2400 FOR I=1240 TO 1247
2410 READ B$
2420 VPOKEI,VAL("&B"+B$)
2430 NEXT
2440 DATA 11111111
2450 DATA 10000001
2460 DATA 10001001
2470 DATA 10010001
2480 DATA 10101001
2490 DATA 10111101
2500 DATA 10001001
2510 DATA 00001000
2520 FOR I=1832 TO 1839
2530 READ B$
2540 VPOKEI,VAL("&B"+B$)
2550 NEXT
2560 DATA 11111111
2570 DATA 10000001
2580 DATA 10111101
2590 DATA 10100001
2600 DATA 10111001
2610 DATA 10000101
2620 DATA 10000101
2630 DATA 00111000
2640 FOR I=1792TO1799
2650 READ B$
2660 VPOKEI,VAL("&B"+B$)
2670 NEXT
2680 DATA 11111111
2690 DATA 10000001
2700 DATA 10011101
2710 DATA 10100001
2720 DATA 10111001
2730 DATA 10100101
2740 DATA 10100101
2750 DATA 00011000
2760 FOR I=1800TO1807
2770 READ B$
2780 VPOKEI,VAL("&B"+B$)
2790 NEXT
2800 DATA 11111111
2810 DATA 10000001
2820 DATA 10111101
2830 DATA 10000101
2840 DATA 10001001
2850 DATA 10010001
2860 DATA 10010001
2870 DATA 00010000
2890 FOR I=1848TO1855
2900 READ B$
2910 VPOKEI,VAL("&B"+B$)

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2920 NEXT
2930 DATA 11111111
2940 DATA 10000001
2950 DATA 10011001
2960 DATA 10100101
2970 DATA 10011001
2980 DATA 10100101
2990 DATA 10100101
3000 DATA 00011000
3010 FOR I=1024TO1031
3020 READ B$
3030 VPOKEI,VAL("&B"+B$)
3040 NEXT
3050 DATA 11111111
3060 DATA 10000001
3070 DATA 10011001
3080 DATA 10100101
3090 DATA 10100101
3100 DATA 10011101
3110 DATA 10000101
3120 DATA 00111000
3130 FOR I=1880TO1887
3140 READ B$
3150 VPOKEI,VAL("&B"+B$)
3160 NEXT
3170 DATA 11111111
3180 DATA 10000001
3190 DATA 10011001
3200 DATA 10100101
3210 DATA 10100101
3220 DATA 10100101
3230 DATA 10100101
3240 DATA 00011000
3250 FOR I=1376TO1383
3260 READ B$
3270 VPOKEI,VAL("&B"+B$)
3280 NEXT
3290 DATA 00000001
3300 DATA 00000010
3310 DATA 00000100
3320 DATA 11111000
3330 DATA 00000000
3340 DATA 00000000
3350 DATA 00000000
3360 DATA 00000000
3370 FOR I=1368TO1375
3380 READ B$
3390 VPOKEI,VAL("&B"+B$)
3400 NEXT
3410 DATA 00000000
3420 DATA 00000000
3430 DATA 00000000
3440 DATA 11110000
3450 DATA 00001000
3460 DATA 00000100
3470 DATA 00000010
3480 DATA 00000001
3490 FOR I=1488 TO 1495
3500 READ B$
3510 VPOKEI,VAL("&B"+B$)
3520 NEXT
3530 DATA 00000000
3540 DATA 00000000
3550 DATA 00000000
3560 DATA 00001111
3570 DATA 00010000
3580 DATA 00100000
3590 DATA 01000000
3600 DATA 10000000
3610 FOR I=1912TO1919
3620 READ B$
3630 VPOKEI,VAL("&B"+B$)
3640 NEXT
3650 DATA 10000000
3660 DATA 01000000
3670 DATA 00100000
3680 DATA 00011111
3690 DATA 00000000
3700 DATA 00000000
3710 DATA 00000000
3720 DATA 00000000
4000 LOCATE 15,15:PRINT"HAH!"
4010 '*** KULKUTIET *****
* (T=KULKUTIE,W=VAIHDE) *
* (0=SUOR.,1=KÄYR.,2=?)*
*****
4020 '
4030 FOR T=1 TO KM

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4040 FOR W=1 TO VM
4050 READ KV(T,W)
4060 NEXT W
4070 NEXT T
4080 DATA 0,1,1,1,1,0,2,2
4090 DATA 0,0,0,0,1,0,2,2
4100 DATA 1,0,2,1,0,1,0,0
4110 DATA 0,1,1,1,1,0,2,2
4120 DATA 0,0,0,0,1,0,2,2
4130 DATA 1,0,2,1,0,1,0,0
4140 DATA 2,1,2,1,2,0,2,2
4150 DATA 2,0,2,0,2,0,2,2
4160 DATA 2,0,2,1,2,1,2,0
4170 DATA 0,2,1,2,1,2,2,2
4180 DATA 0,2,0,2,1,2,2,2
4190 DATA 1,2,2,2,0,2,0,2
4200 '
4210 '
4220 '
4250 '*****
* Er-FUNKTIOT *
*****
4260 'ALKIO AND 1=OLTAVA TYH-
JÄ ENNEN TIEN TEKOA
4270 'ALKIO AND 2=PUDOTTAA
OPASTIMEN SEIS-ASENT.
4280 'ALKIO AND 4=PURKAA
TIEN
4290 'ALKIO AND 8=P.O. TYHJÄ
ENNEN PURKUA
4300 FOR W=1 TO KM
4310 FOR S=0 TO RM
4320 READ ER(W,S)
4330 NEXT S
4340 NEXT W
4350 DATA 0,11,7,0,0, 3,0
4360 DATA 0,11,0,7,0, 3,0
4370 DATA 0,11,0,0,7, 3,0
4380 DATA 0, 3,7,0,0,11,0
4390 DATA 0, 3,0,7,0,11,0
4400 DATA 0, 3,0,0,7,11,0
4410 DATA 7,11,0,0,0, 0,0
4420 DATA 7,11,0,0,0, 0,0
4430 DATA 7,11,0,0,0, 0,0
4440 DATA 0, 0,0,0,0,11,7
4450 DATA 0, 0,0,0,0,11,7
4460 DATA 0, 0,0,0,0,11,7
4500 '
4510 '
4520 '*****
* VIHOLLISTITETAULUKKO *
*****
4530 FOR W=1 TO KM'VAAKA-
4540 FOR P=1 TO KM'PYSTY-
4550 READ VT(P,W)
4560 NEXT P
4570 NEXT W
4580 DATA
1,1,1,1,1,1,1,1,0,1,1
4590 DATA
1,1,1,1,1,1,1,1,1,0,1
4600 DATA
1,1,1,1,1,1,1,1,1,1,0
4610 DATA
1,1,1,1,1,1,0,1,1,1,1
4620 DATA
1,1,1,1,1,1,1,0,1,1,1
4630 DATA
1,1,1,1,1,1,1,1,0,1,1
4640 DATA
1,1,1,0,1,1,1,1,1,0,0
4650 DATA
1,1,1,1,0,1,1,1,1,0,1
4660 DATA
1,1,1,1,1,0,1,1,1,0,1
4670 DATA
0,1,1,1,1,1,1,0,0,1,1
4680 DATA
1,0,1,1,1,1,0,1,0,1,1
4690 DATA
1,1,0,1,1,1,0,0,1,1,1
4800 '
4810 '*****
* RAITEIDEN KUVAT *
*****
4820 FOR I=0 TO RM
4830 READ RX(I)'PERUSNÄYTON
X-KOORD.

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4840 READ RY(I)'PERUSNÄYTON
Y-KOORD.
4850 READ RP(I)'PERUSNÄYTON
KUVAKOKO
4860 NEXT I
4870 '
4880 DATA 1,4,1
4890 DATA 3,4,2
4900 DATA 13,2,3
4910 DATA 13,4,3
4920 DATA 13,6,3
4930 DATA 24,4,2
4940 DATA 27,4,1
5500 '
5510 '
5520 '
5530 '** OPASTINTEN X/Y *****
5540 FOR I=1 TO KM
5550 READ OX(I)'OPASTIMEN
X-KOORD.
5560 READ OY(I)'OPASTIMEN
Y-KOORD.
5570 '
5580 DATA 3,5
5590 DATA 3,5
5600 DATA 3,5
5610 DATA 25,3
5620 DATA 25,3
5630 DATA 25,3
5640 DATA 12,1
5650 DATA 12,3
5660 DATA 12,5
5670 DATA 16,3
5680 DATA 16,5
5690 DATA 16,7
5700 NEXT I
5800 CLS:COLOR 1,15,10
5810 GOSUB 20000'POHJAKUVA
6000 '
6010 '
6020 '
6030 IF A=3 THEN AT(0)=TIME
** REAALIAIKALOOPIN **
** ALK **
** RADANLUKU **
6040 FOR N=0 TO 7
6050 OUT&H91,144+N:
OUT&H90,0
6060 OUT&H90,1
6070 IP(N)=INP(162)AND 1
6080 NEXT
6090 IF TX=1 THEN GOSUB26000
6100 '
6110 'FOR N=8 TO 11
6120 'OUT&H91,120+N:
OUT&H90,0
6130 'OUT&H90,1
6140 'IP(N)=INP(162)AND 1
6150 'NEXT
6160 'VV(1)=IP(8)
6170 'VV(2)=IP(9)
6180 IF A=3
THEN AT(2)=TIME
6520 '***NÄPPÄIMISTÖN LUKU***
6530 IF N0=1 GOTO 8990
6540 N$=INKEY$
6550 IF N$=""GOTO 9500
6560 IF N$=CHR$(13)GOTO 7010
'KÄSKY VALMIS
6570 '*** PUOLIVALMIS ***
***** KÄSKY *****
6580 LOCATE 0,0:PRINT N$;
6590 N1$=N2$:N2$=N3$:N3$=N$
6600 NN=NN+1:GOTO8990
7000 '*** VALMIS *****
**** KÄSKY *****
7010 IF NN=2 THEN N1$=" ":
ELSE IF NN=1 THEN
N1$=" ":N2$=" "
7020 N0=1:NN=0:
LOCATE 0,0:PRINT"O";:
LOCATE 6,10:
PRINT N1$;N2$;N3$
7500 '*****
* KÄSKYN EROTTTELU *
*****
7510 IF A=3THEN AT(2)=TIME
7520 IF N3$="E"THEN

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CLS:KEYON:
COLOR 1,15,15:END
7530 IF N1$="K"GOTO 8200
7540 IF N2$="V"GOTO 8050
7550 IF N2$="A" THEN
A=VAL(N3$)
7560 IF N2$="C"THEN
C=VAL(N3$)
7570 IF N3$="H"THEN
GOSUB 21000
7580 IF N3$="T" THEN TX=1
7590 N0=0:GOTO 9500
8000 '
8020 '*****
* SUORITUSOSA *
*****
8030 '
8040 '*****
* VAIHTEET *
* MUUTTAA TAVOITETTA (VU) *
*****
8050 SU=VAL(N3$):
VU(SU)=VV(SU) XOR 1:
N0=0
8060 GOTO 8990
8200 '*****
* KULKUTEIDEN *
* EROTTTELU *
*****
8210 IF N2$="A" THEN KT=0
8220 IF N2$="B" THEN KT=3
8230 IF N2$="1" THEN KT=1
8240 IF N2$="2" THEN KT=2
8250 IF N2$="3" THEN KT=3
8260 IF N3$="A" THEN KT=KT+6
8270 IF N3$="B" THEN KT=KT+9
8280 IF N3$="1" THEN KT=KT+1
8290 IF N3$="2" THEN KT=KT+2
8300 IF N3$="3" THEN KT=KT+3
8310 IF KT=0
THEN N0=0:GOTO 9500
8500 '*****
* VIHOLLISTITET *
*****
8510 FOR Q=1 TO KM
8520 IF KK(Q)=1 AND
VT(KT,Q)=1 GOTO 9130
8530 NEXT Q
8540 '
8700 '*****
* VARATUT RAITTEET *
*****
8710 FOR Q=0 TO RM
8720 IF (ER(KT,Q)AND1)AND
IP(Q) GOTO 9130
8730 NEXT Q
8800 '*****
* KULKUTIEVAIHTEET *
* VU - REKISTERIIN *
*****
8810 FOR I=1 TO VM
8820 VU(I)=KV(KT,I)
8830 NEXT I
8900 KK(KT)=1:KK(0)=1
8990 IF A=3 THEN AT(3)=TIME'
*****
* VAIHTEIDEN KÄÄNTÖKÄSKYT *
*****
9010 FOR Q=1 TO VM
9020 VK(Q)=VV(Q)
9030 NEXT Q
9040 IF A=2 THEN
LOCATE 0,20:
PRINT"V ";:
PRINTV;
9050 IF V=VM+1 THEN V=1:
GOTO 9310
9060 IF VU(V)=VV(V) OR
VU(V)=2 THEN V=V+1:
GOTO 8990
9070 'IF V=1 OR V=2 GOTO 9080
ELSE GOTO 9100
9080 'LOCATE 0,12:
IF V=1 AND IP(11)=0
THEN PRINT"VIKA CDU!";:
GOTO 9500
9090 'LOCATE 0,12:
IF V=2 AND IP(10)=0

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