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10 FOR n=0 TO 11:READ a:INK n,a:NEXT:INK 1 [7170]
2,13,15:INK 13,13,0:BORDER 13:MODE 0:LOCAT
E 5,18:PRINT"bitte warten":SPEED INK 15,15
20 DATA 13,0,6,18,2,24,3,9,1,12,4,10 [1382]
30 MEMORY 39999:FOR n=40000 TO 40274:READ [4390]
a:POKE n,a:NEXT:CALL 40000
40 DATA 1,73,156,33,84,156,195,209,188,78 [1943]
50 DATA 156,195,88,156,80,82,73,78,212,0 [2058]
60 DATA 0,0,0,0,254,3,192,221,94,2 [2070]
70 DATA 221,126,4,221,70,1,221,78,0,197 [1931]
80 DATA 203,67,202,130,156,205,173,156,209 [2283]
,229
90 DATA 6,8,205,156,156,225,1,80,0,9 [1429]
100 DATA 6,4,205,156,156,201,29,205,173,15 [2164]
6
110 DATA 209,229,1,0,32,9,6,4,205,156 [1217]
120 DATA 156,225,1,80,0,9,6,8,205,156 [1681]
130 DATA 156,201,197,6,3,26,119,35,19,16 [2013]
140 DATA 250,1,253,7,9,193,16,240,201,6 [1440]
150 DATA 8,14,40,22,0,29,33,0,0,41 [1467]
160 DATA 203,33,210,190,156,25,16,247,95,2 [1773]
5
170 DATA 17,255,191,25,201,62,2,50,16,164 [1024]

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180 DATA 205,31,157,58,16,164,30,27,1,72 [1499]
190 DATA 161,205,103,156,58,16,164,198,3,3 [1940]
0
200 DATA 24,1,220,160,205,103,156,58,16,16 [2261]
4
210 DATA 198,3,30,30,1,36,161,205,103,156 [1088]
220 DATA 58,16,164,198,6,30,27,1,0,161 [1645]
230 DATA 205,103,156,205,27,187,254,32,200 [2213]
,205
240 DATA 25,189,205,25,189,58,16,164,60,50 [1610]
250 DATA 16,164,254,73,194,204,156,205,31, [1585]
157
260 DATA 195,199,156,58,16,164,61,30,27,1 [1336]
270 DATA 252,161,205,103,156,58,16,164,198 [2320]
,2
280 DATA 30,24,1,252,161,205,103,156,58,16 [1901]
290 DATA 164,198,2,30,30,1,252,161,205,103 [1650]
300 DATA 156,58,16,164,198,5,30,27,1,252 [2028]
310 DATA 161,205,103,156,201 [886]
320 FOR n=41000 TO 41467:READ a:POKE n,a:N [3828]
EXT:FOR n=41468 TO 41503:POKE n,0:NEXT
330 DATA 192,192,192,192,192,192,128,0,64, [5443]
128,0,64,128,0,64,128,0,64,128,0,64,128,0,
64,128,0,64,128,0,64,192,192,192,192,192,1
92
340 DATA 60,60,60,60,60,60,40,0,20,40,0,20 [4301]
,40,0,20,40,0,20,40,0,20,40,0,20,40,0,20,4

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IF LEN(nam$(n))>8 THEN nam$(n)=LEFT$(nam$(n),8)
1030 NEXT [350]
1040 IF nam$(1)<>"" THEN FOR n=1 TO 4:PRI [5684]
NT,h(1,n,1),h(1,n,2),41324:NEXT n:LOCATE 9
,6:PRINT LEFT$(nam$(1),3);
1050 IF nam$(2)<>"" THEN FOR n=1 TO 4:PRI [5548]
NT,h(2,n,1),h(2,n,2),41360:NEXT n:LOCATE 9
,17:PRINT LEFT$(nam$(2),3);
1060 IF nam$(3)<>"" THEN FOR n=1 TO 4:PRI [7263]
NT,h(3,n,1),h(3,n,2),41396:NEXT n:LOCATE 1
,17:PRINT LEFT$(nam$(3),3);
1070 IF nam$(4)<>"" THEN FOR n=1 TO 4:PRI [7184]
NT,h(4,n,1),h(4,n,2),41432:NEXT n:LOCATE 1
,6:PRINT LEFT$(nam$(4),3);
1080 FOR n=1 TO 4:FOR m=0 TO 4:hei(n,m)=0: [5961]
sp(n,m)=0:sza(n)=4:szb(n)=0:NEXT m,n
1090 FOR n=1 TO 40:pin(n)=0:NEXT [2193]
1100 'Hauptroutine [873]
1110 FOR n=1 TO 4 [788]
1120 IF nam$(n)="" OR hei(n,0)=4 THEN 1440 [2391]
1130 CLS#2:PEN#2,n+1:LOCATE#2,3,1:PRINT#2, [3199]
nam$(n)
1140 FOR m=0 TO 4:mus(m)=0:dar(m)=0:NEXT m [1373]
1150 IF szb(n)=0 THEN FOR m=1 TO 2:GOSUB 1 [3402]
830:IF w=6 THEN 1170 ELSE NEXT m
1160 GOSUB 1830 [901]
1170 IF pin(10*(n-1)+1)=n AND sza(n)>0 THE [2054]
N GOSUB 1450:GOTO 1210
1180 IF w=6 THEN GOSUB 1540:IF mus(0)>0 TH [1635]
EN 1210
1190 GOSUB 1570 [897]
1200 GOSUB 1640 [819]
1210 IF nam$(n)="COMPUTER" THEN 1230 [2826]
1220 IF mus(0)=1 OR dar(0)=1 THEN LOCATE#1 [8340]
,1,3:PRINT#1,"Zugzwang" ELSE IF mus(0)>1 O
R dar(0)>1 THEN LOCATE#1,2,2:PRINT#1,"waeh
le";:LOCATE#1,2,4:PRINT#1,"Stein";
1230 IF mus(0)=1 THEN FOR m=1 TO 4:IF mus( [5328]
m)=1 THEN stein=m:GOTO 1300 ELSE NEXT m
1240 IF dar(0)=1 THEN FOR m=1 TO 4:IF dar( [2051]
m)=1 THEN stein=m:GOTO 1300 ELSE NEXT m
1250 IF dar(0)=0 THEN LOCATE#1,1,2:PRINT#1 [6921]
,"Kein Zug";:LOCATE#1,1,4:PRINT#1,"moeglic
h";:FOR t=1 TO 1000:NEXT:CLS#1:GOTO 1430
1260 IF nam$(n)="COMPUTER" THEN GOSUB 2580 [3604]
:GOTO 1300
1270 IF INKEY$<>"" THEN 1270 [936]
1280 IF mus(0)>0 THEN GOSUB 1880:GOTO 1300 [2986]
1290 GOSUB 2020 [871]
1300 IF sp(n,stein)=0 THEN !PRINT,h(n,stei [6495]
n,1),h(n,stein,2),41000+n*36:t=10*(n-1)+1:
FOR x=400 TO 50 STEP -50:SOUND 4,x,8:NEXT
x:GOTO 1390
1310 IF sp(n,stein)<=1(n) AND sp(n,stein)+ [3560]
w>1(n) THEN 2270
1320 IF sp(n,stein)<0 THEN 2430 [2006]
1330 t=sp(n,stein):pin(t)=0 [1253]
1340 FOR m=1 TO w [797]
1350 IF pin(t)=0 THEN !PRINT,p(t,1),p(t,2) [4777]
,41000 ELSE !PRINT,p(t,1),p(t,2),41144+pin
(t)*36
1360 t=t+1:IF t>40 THEN t=t-40 [519]
1370 !PRINT,p(t,1),p(t,2),41144+n*36:SOUND [3301]
2,200,20
1380 FOR z=1 TO 500:NEXT z,m:GOTO 1400 [2918]
1390 !PRINT,p(t,1),p(t,2),41144+n*36 [2098]
1400 sp(n,stein)=t:IF pin(t)>0 THEN GOSUB [2774]
2160
1410 pin(t)=n [406]
1420 CLS#1:IF zah=anf OR UPPER$(INKEY$)=""E [3789]
" THEN 2530
1430 IF w=6 THEN 1140 [565]
1440 NEXT n:GOTO 1110 [1279]
1450 'Feld frei machen [1163]
1460 t=10*(n-1)+1+w:mus(0)=1 [1216]

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1470 IF pin(t)<>n THEN FOR m=1 TO 4:IF sp( [7375]
n,m)=10*(n-1)+1 THEN mus(m)=1:RETURN ELSE
NEXT m
1480 z=t:t=t+w:IF t>40 THEN t=t-40 [3863]
1490 IF pin(t)<>n THEN FOR m=1 TO 4:IF sp( [5756]
n,m)=z THEN mus(m)=1:RETURN ELSE NEXT m
1500 z=t:t=t+w:IF t>40 THEN t=t-40 [3863]
1510 IF pin(t)<>n THEN FOR m=1 TO 4:IF sp( [5756]
n,m)=z THEN mus(m)=1:RETURN ELSE NEXT m
1520 FOR m=1 TO 4:IF sp(n,m)=t THEN mus(m) [2713]
=1
1530 NEXT m:RETURN [461]
1540 'Sechs [383]
1550 IF sza(n)>0 THEN sza(n)=sza(n)-1:szb( [7054]
n)=szb(n)+1:mus(0)=1:FOR m=1 TO 4:IF sp(n,
m)=0 THEN mus(m)=1:GOTO 1560 ELSE NEXT m
1560 RETURN [555]
1570 'Rausschmeissen ? [832]
1580 FOR m=1 TO 4 [564]
1590 IF sp(n,m)>0 THEN t=sp(n,m)+w ELSE GO [3367]
TO 1630
1600 IF sp(n,m)<=1(n) AND t>1(n) THEN 1630 [2343]
1610 IF t>40 THEN t=t-40 [1494]
1620 IF pin(t)<>n AND pin(t)>0 THEN mus(0) [2807]
=mus(0)+1:mus(m)=1
1630 NEXT m:RETURN [461]
1640 'erlaubte Zuege [1175]
1650 FOR m=1 TO 4 [564]
1660 IF sp(n,m)<0 THEN 1780 [1174]
1670 IF sp(n,m)<=1(n) AND sp(n,m)+w>1(n) T [3330]
HEN 1730
1680 IF sp(n,m)=0 THEN 1720 [1293]
1690 t=sp(n,m)+w:IF t>40 THEN t=t-40 [1534]
1700 IF pin(t)=n THEN 1720 [1230]
1710 dar(0)=dar(0)+1:dar(m)=1 [765]
1720 NEXT m:RETURN [461]
1730 t=sp(n,m)+w-1(n) [674]
1740 IF t>4 THEN 1720 [748]
1750 FOR z=1 TO t [883]
1760 IF hei(n,z)=1 THEN 1720 [325]
1770 NEXT z:GOTO 1710 [831]
1780 t=-sp(n,m) [930]
1790 IF t+w>4 THEN 1720 [262]
1800 FOR z=1 TO w [880]
1810 t=t+1:IF hei(n,t)=1 THEN 1720 [1319]
1820 NEXT z:GOTO 1710 [831]
1830 'Wuerfeln [420]
1840 FOR z=INT(RND*15)+5 TO 1 STEP -1 [1355]
1850 w=INT(RND*6)+1:LOCATE 17,6:PRINT w$(w [3330]
):SOUND 1,170-5*z,5
1860 FOR t=1 TO 200-9*z:NEXT t,z [1427]
1870 FOR t=1 TO 800:NEXT:RETURN [1550]
1880 'Pflichtzuege [1524]
1890 FOR t=1 TO 4:IF mus(t)=1 THEN m=t:GOT [3549]
O 1900 ELSE NEXT t
1900 IF sp(n,m)>0 THEN !PRINT,p(sp(n,m),1) [4782]
,p(sp(n,m),2),41000
1910 IF sp(n,m)<0 THEN !PRINT,hm(n,ABS(sp( [4599]
n,m)),1),hm(n,ABS(sp(n,m)),2),41000+n*36
1920 FOR t=1 TO 200:NEXT t [1264]
1930 IF sp(n,m)>0 THEN !PRINT,p(sp(n,m),1) [5053]
,p(sp(n,m),2),41144+n*36
1940 IF sp(n,m)<0 THEN !PRINT,hm(n,ABS(sp( [4599]
n,m)),1),hm(n,ABS(sp(n,m)),2),41288+n*36
1950 FOR t=1 TO 200:NEXT t [1264]
1960 a$=INKEY$ [278]
1970 IF a$=CHR$(13) THEN stein=m:CLS#1:RET [1747]
URN
1980 IF a$<>CHR$(32) THEN 1900 [1593]
1990 m=m+1:IF m>4 THEN m=1 [1166]
2000 IF mus(m)<>1 THEN 1990 [1018]
2010 GOTO 1900 [383]
2020 'Zugauswahl [1458]
2030 FOR t=1 TO 4:IF dar(t)=1 THEN m=t:GOT [2753]
O 2040 ELSE NEXT t

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2040 IF sp(n,m)>0 THEN !PRINT,p(sp(n,m),1) [4782]
,p(sp(n,m),2),41000
2050 IF sp(n,m)<0 THEN !PRINT,hm(n,ABS(sp( [4599]
n,m)),1),hm(n,ABS(sp(n,m)),2),41000+n*36
2060 FOR t=1 TO 200:NEXT [1050]
2070 IF sp(n,m)>0 THEN !PRINT,p(sp(n,m),1) [5053]
,p(sp(n,m),2),41144+n*36
2080 IF sp(n,m)<0 THEN !PRINT,hm(n,ABS(sp( [4599]
n,m)),1),hm(n,ABS(sp(n,m)),2),41288+n*36
2090 FOR t=1 TO 200:NEXT [1050]
2100 a$=INKEY$ [278]
2110 IF a$=CHR$(13) THEN stein=m:CLS#1:RET [1747]
URN
2120 IF a$<>CHR$(32) THEN 2040 [1964]
2130 m=m+1:IF m>4 THEN m=1 [1166]
2140 IF dar(m)<>1 THEN 2130 [622]
2150 GOTO 2040 [355]
2160 'Rausschmeissen [959]
2170 FOR m=1 TO 10 [582]
2180 SOUND 4,10*m+80,10 [1322]
2190 !PRINT,p(t,1),p(t,2),41144+pin(t)*36 [2537]
2200 FOR z=1 TO 100:NEXT [1697]
2210 !PRINT,p(t,1),p(t,2),41144+n*36 [2098]
2220 FOR z=1 TO 100:NEXT z,m [2339]
2230 FOR m=1 TO 4:IF sp(pin(t),m)=t THEN 2 [4119]
240 ELSE NEXT m
2240 !PRINT,h(pin(t),m,1),h(pin(t),m,2),41 [3345]
288+pin(t)*36
2250 sza(pin(t))=sza(pin(t))+1:szb(pin(t)) [3594]
=szb(pin(t))-1
2260 sp(pin(t),m)=0:RETURN [1397]
2270 'ins Haus gehen [203]
2280 t=sp(n,stein):z=t+w-1(n):pin(t)=0 [1373]
2290 FOR m=1 TO w-z [1033]
2300 IF pin(t)=0 THEN !PRINT,p(t,1),p(t,2) [4777]
,41000 ELSE !PRINT,p(t,1),p(t,2),41144+pin
(t)*36
2310 t=t+1 [254]
2320 !PRINT,p(t,1),p(t,2),41144+n*36:SOUND [3301]
2,200,20
2330 FOR x=1 TO 500:NEXT x,m [1217]
2340 IF pin(t)=0 THEN !PRINT,p(t,1),p(t,2) [4777]
,41000 ELSE !PRINT,p(t,1),p(t,2),41144+pin
(t)*36
2350 !PRINT,hm(n,1,1),hm(n,1,2),41288+n*36 [4672]
:SOUND 2,200,20:FOR x=1 TO 500:NEXT
2360 z=z-1:FOR m=1 TO z [911]
2370 !PRINT,hm(n,m,1),hm(n,m,2),41000+n*36 [3091]
2380 !PRINT,hm(n,m+1,1),hm(n,m+1,2),41288+ [4329]
n*36:SOUND 2,200,20
2390 FOR x=1 TO 500:NEXT x,m [1217]
2400 hei(n,0)=hei(n,0)+1:hei(n,m)=1:sp(n,s [4955]
tein)=-m:IF hei(n,0)=4 THEN zah=zah+1
2410 IF 5-hei(n,0)=-sp(n,stein) THEN szb(n [2258]

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)=szb(n)-1
2420 GOTO 1420 [399]
2430 'im Haus setzen [1369]
2440 t=-sp(n,stein):hei(n,t)=0 [1052]
2450 FOR m=1 TO w [797]
2460 !PRINT,hm(n,t,1),hm(n,t,2),41000+n*36 [2961]
2470 t=t+1 [254]
2480 !PRINT,hm(n,t,1),hm(n,t,2),41288+n*36 [3925]
:SOUND 2,200,20
2490 FOR x=1 TO 500:NEXT x,m [1217]
2500 hei(n,t)=1:sp(n,stein)=-t [2055]
2510 IF 5-hei(n,0)=-sp(n,stein) THEN szb(n [2258]
)=szb(n)-1
2520 GOTO 1420 [399]
2530 'Spielende [324]
2540 LOCATE 17,6:PRINT w$(0):CLS#2:LOCATE# [4764]
2,2,1:PEN#2,13:PRINT#2,"S P I E L E N D E"
2550 LOCATE#1,2,2:PRINT#1,"neues":LOCATE#1 [5478]
,2,4:PRINT#1,"Spiel ?":LOCATE#1,2,6:PRINT#
1,"(J/N)"
2560 IF UPPER$(INKEY$)="J" THEN 630 [2190]
2570 IF UPPER$(INKEY$)="N" THEN MODE 2:LIS [2343]
T ELSE 2560
2580 'Computerzug [1507]
2590 IF mus(0)<2 THEN 2620 [988]
2600 t=INT(RND*4)+1 [840]
2610 IF mus(t)=1 THEN stein=t:RETURN ELSE [2703]
2600
2620 FOR m=1 TO 4 [564]
2630 IF dar(m)=1 AND sp(n,m)>0 AND sp(n,m) [6652]
<=1(n) AND sp(n,m)+w>1(n) THEN stein=m:RET
URN
2640 NEXT m [371]
2650 FOR m=1 TO 4 [564]
2660 IF dar(m)=1 AND sp(n,m)<0 THEN stein= [3140]
m:RETURN
2670 NEXT m [371]
2680 FOR m=1 TO 4 [564]
2690 IF dar(m)=1 AND INT((sp(n,m)+9)/10)=( [6676]
sp(n,m)+9)/10 AND nam$(INT((sp(n,m)+9)/10)
)<>"" AND sza(INT((sp(n,m)+9)/10))>0 THEN
stein=m:RETURN
2700 NEXT m [371]
2710 FOR m=0 TO 4:hil(m)=0:NEXT [1792]
2720 FOR m=1 TO 4 [564]
2730 IF dar(m)=1 THEN hil(m)=sp(n,m):IF hi [4125]
l(m)<1(n) THEN hil(m)=hil(m)+40
2740 NEXT [350]
2750 hil(0)=MAX(hil(1),hil(2),hil(3),hil(4 [2247]
))
2760 m=1 [184]
2770 IF hil(0)=hil(m) THEN 2780 ELSE m=m+1 [1038]
:GOTO 2770
2780 stein=m:RETURN [1360]

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