```
NO.
                                          DATE
ercise # 9
tep 1
     VK(S) UK+1(S)
 A
       0
 B
       0
 D
    0
             -1
       0
              -1
       0
             -1
  H
              -1
) VK +1 (A) - = [(-]+V(A)) + (-1+V(B) + (-1+V(D))+(-1+V(D))
  [(a+1-1+0)+(-1+0)+(-1+0)]
 UK+1 (A=-1)
( UK+1 (B)= = (-1+U(A)) + (-1+V(C))+(-1+U(E))+(-1+V(B))
 VK+118)= 7[(-1+0)+(-1+0)+(-1+0)+(-1+0)
  VK+((B)=-1
3) UK+1 (D) = = (-1+V(D)) + (-1+V(E)) + (-1+V(A))
 VK++ (0)= = [(-1+0)+(-1+0)+(-1+0)]
 VK H(D) =-1
TVK+ (E)= = [(-1+V(D)+(-1+V(F))+(-1+V(H))+(-1+V(B))]
  UK+1(E)== [(-1+0)+(-1+0)+(-1+0)
  UK+1(E):-1
B) UK+1 (+)= = [(-+0(E)+(-1+V(F))+(-1+V(1))+(-1+V(C))]
   VKH (+) - 4 [(-1+0)+(-1+0)+(-1+0)
  UKFI CF -- 5
(C) UK+ 1(H) = = [(-1+V(A)+(-1+V(1))+(-1+V(H))+(-1+V(E))]
  VK+1(H) = = [ (-1+0)+(-1+0)+(-1+0)]
                                             UK41 (H) =
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1	-1	-1	0	
	-1	-1	1-,	
	D	1-1	6-	1

(8) 9, 1c+1(to ; LEFT) = -1+V(A) 9, 1c+1 (A, LEFT) = -1+(-1) 9, 1c+1 (A, LEFT) = -1+(-1) 9, 1c+1 (A, LEFT) = -2

9 2 K+1 (A, RIGHT) - 14U(B) 9 K+1 (A, RIGHT) - 1+(-1) 9 K+1 (A1121GHT) = -2 (\tilde{O}) q k+1 (UP)=-1+V(A) q k+1 (A,UP)=-1+(-1)q k+1 (A,UP)=-2

((A, DOWN) = -1+(-1) 9,K+1 (A, DOWN) = -1+(-1) 9,K+1 (A, DOWN) = -2:

(12) 7 K + 1 (A) = LEFT, NIGHT, UP, DOWN

(39K+1(B, LEFT)=-1+(-1)

@ 9,K+1 (B, RIGHT) =-1+(0) 9,K+1 (B, RIGHT) =-1

(B) 9K+1 (B, UP)=-1+(-1) 9K+1 (B, UP)=-2

(16) 9K+1(B, DOWN)-1+(-1) 9K+1 (B, DOWN) = -2

@ (1K+1(B)=RIGHT

(E)qK+1(D, LEFT)=-1+(-1) QK+1(D, LEFT)=7

9 9K+1(D, RIGH)=-1+(-1)

(2)9K+(D,UP)=-12(-1)

© 9K +1 (D,000H) =-1+(0) =-1

TO K+1(D) = DOWN

(0) 9x+1le, LEFT)=-1+V(0)

(4) 9 18+1 (E, RIGHT) = -7.

NO. ____

B9K+1(E,UP)=-1+ULB) =-2 (36) 1 K+1 (H, DOWN) 7+(-1)

(26) 9K+1 (B, DOWN) == 1+0

(35) TK+1 = LEFT, RIGT

LETT INTELL UP, DOWN

B9)U+(b)===(-2)+(-2)+(-2)+(-2)] U+(b)=-2

699941(F, LEPA)=-14807)

(90) V* (B)= = (-2+(-1)+(-2)+(-2)) V* (B)=-1.75

998+11 = 1210HT)=-1+(1)

97 V* (D)=-1.75

50 9 KII (F, UP) = - 1+(0)

(42) V* (E)=4 ((-2)+(-2)+(2)+(-2)]
V* (x)=-7

3) 9K 11 (= 10 WN) = -+ (0)

(15) Ux (F)==(1(c-2)+(-2)+(-1)+(+1))

BOTK+1(F)=UP, DOWN

(34) V* (H)=== [(-1)+(-1)+(-2)+(-2))

3399 K+1 (H, LEFT) 2-1+(0)

@ 9 K+1 (H, RIGHT)=-1 (0)

(1-)+1-(+1,UD)=-1+(-1)

(45) (*(4,LEF+)=-1+(-2)=-3 1216+1+=-1+(-1.75=-2.75 UP =-1+(-1.75)=-26271-3 DOUN =-1+(-1.75)=-2.75

	DATE						
1 9 x (BILTY) =-1+(-2)=3		(59) TA (E) = RIGHT, DOWN					
RIGHT - 1 +(0)-1							
UP =-1+(-1-75)=-2.75		(F)=UP, DOWY					
DOWY = -(+(-2)=-3							
	GOTH (H)= LEFT, RIGHT						
179x(0, LEFT)=1+(-1.75)=-2.75							
RIGHT =- 1 + (-2) = -3	(37)	Put the	e optional	valueF	uneton		
UP = -1+(-2)=2		-7	-1:75				
DOMY - 1 + (D) = -1		-1.75	-7	- 1.5			
		0	-1.5	0			
(8)9*(E,LEFT)=1+(-1.75)=-2.75	4						
214++= 1+C1.5)=-Z.5	(58)	シー フ	->	1			
UP - 1-11.75)=2.75		V	5>	1			
DOWN: -121-1.5)=-2.5			6-7				
40) 9x (+, LEFT)= (+(-2)=-3							
RIGHT =-1+(1.5)=-2.5							
UP = - + (0) = -1							
Down = - (1(0)=1							
				B State			
69 9*(+1,LEFT)=-1+(0)=-1							
RIGHT = -] + (0) = -							
UP = 1+ (-2)=3		100					
DOWN = 1 + (-1.5) = +2.5							
5) T* (A) -, HIGHT, DOWN							
52) + * (B) = RIGHT							

33 Tx (n) - DOWN