NO.	:			
DAT	E:0	18/2	17/2	8
		4	1	

	DATE: 08/27/28				
Baldeo, John Vernon &	Gtep 2: Compute the action-value function.				
- (Married of May 1 1 1 th Married	and update the policy of states at k=1				
Ender 11: 2x2 Caidward	(4) 4. 3 (min 4)				
* And + 19 + Only + 19	State A				
The second second	9(k+1)(A, feft) = -1 + (-1) =-2 (A)				
	9 KM (A, Pagner) = -1 + (-1) = -2 (3)				
DE F	9 k+1 (A, UP) = -1 + (-1) = -2 (A)				
Part	9K+1 (A, Drum) = -1 +(-1) =-2 (D)				
H (1)	TK+1 (A) = { Left, Right, Up. Down } A				
	The state of the s				
A CONTRACTOR OF THE PARTY OF TH	· State B				
States S = (A, B, C, D, E, F, G, H, I)	9(KH) (B, left) = -1+(1) = -2 (A)				
Artions A - (UP DOWN, LEFT RIGHT)	que (8, Raph) = -1 + 0 = -1 (4)				
Policy P = From every state, choose each action	9 km (B, UP) : -1 + (-1) : -2 (B)				
with probability 5.25	quel (1) Down) = -1 +(-1) = -2. (E)				
Removed R = -1 per step	Tikn (b) = {Right} ->				
Discount Easter y = 1					
And the Colorest Association of the color	· State D				
Step 1: Compute value functions at k=1	gren (D, Left) = -2 (D).				
- 35 5	(D, Right): -2 (E)				
VK+1(5) - 7 SE[r(5,a) + Vk(5')]	(D, Up) = -2 (A)				
KH(S) Y acal	(t) Down = -1 - (G)				
· Remard r(s,a) = - for each step	TKH (D) = {Down}				
· vo (5) = 0 for all now terminal stakes	1 0 0				
· terminals (GG,1) remain o	· State E				
V1(3) = 1 (-1 + VE))+(-1 + VE2)+(-1+ VE3)(1+ V5n)	9km (E, Left) = -2 (P)				
[V, (A) = V,(D) = V,(D) = V,(E) = V,(E) = V,(E) = -1	(E, Right) -2 (F)				
V, (c) = V, ((7) = V, (I) = 0	(E, Up) -2 (3)				
Since all $v_0 = 0$, each devro $= -1$	(E Down) -2 /H				
-1 -1 0 thus, v ₁ (5) = -1	Then (E) = fleft, Eight, Up, Down & I				
-1 -1 -1					
0 1 0					
V ICTORY					

