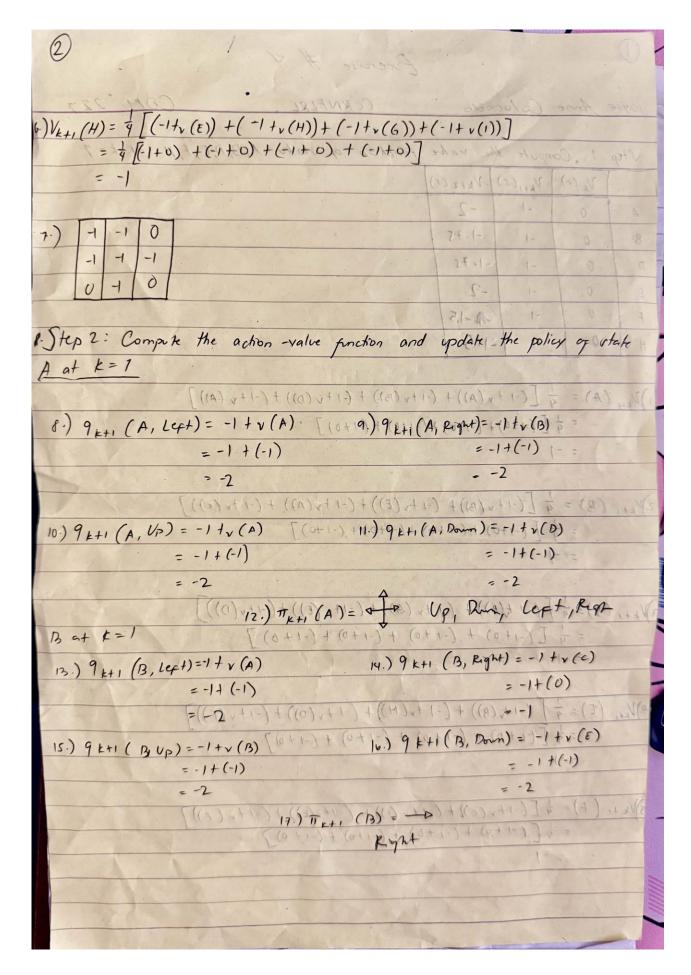
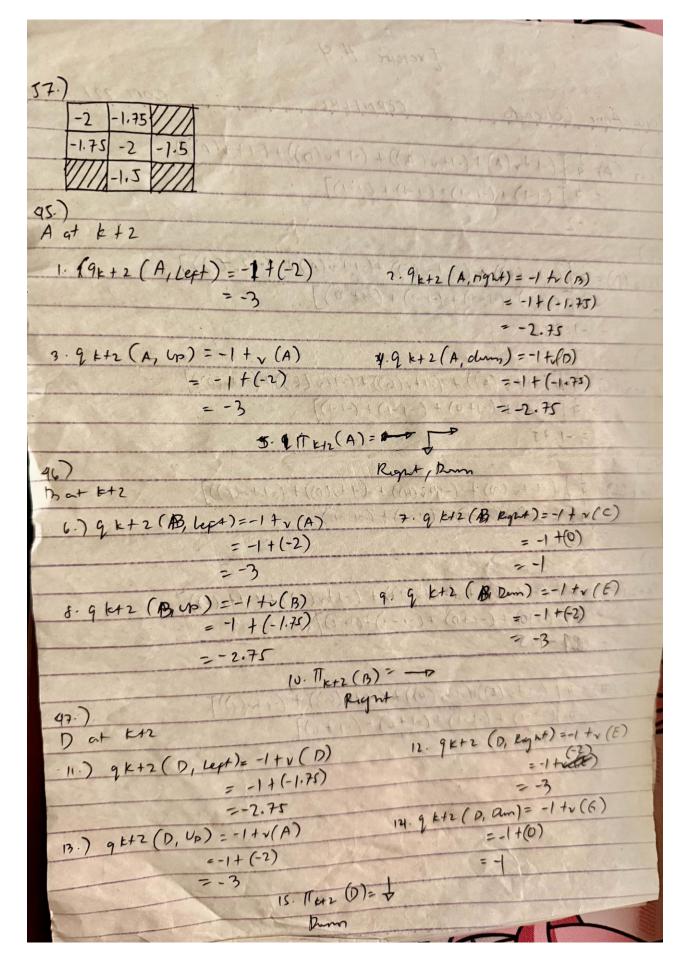
French H
Joyce Anne Colocado CCRNFIRL COM 227  Vtcp 1: Compute the valor (1)
CCRNFLRL COM 20
Step 1: Compute the value function of what ABDE EN
Vtcp 1: Compute the value function of whater A, B, D, E, F, H at $t=1$
A 0 -1 -2
B 0 -1 -1.75
D 0 -1 -1.75
E 0 -1 -2
F 0 -1 -15
Hep? Compete the action -value function and god?1- he pelos of Orthe H
$\frac{1}{2}V_{k+1}(A) = \frac{1}{4}\left[(-1+v(A))+(-1+v(B))+(-1+v(A))\right]$ $= \frac{1}{4}\left[(-1+v(A))+(-1+v(B))+(-1+v(A))\right]$
4 [(-170) + (-140) + (0+1-) +
=-1 (1-)+1-=
Vk+1 (B) = 4 [(-1+v(B))+ (-1+v(E))+(-1+v(A))+(-1+v(c))]
= 4 [(-1+0) + (-1+0) + (-1+0) + (-1+0)] (A) + 1 = (4V, A) + 1+0
Vk+, (D)= 4 [(-1+(A))+(-1+(B))+(-1+(D))]
= 1 / (-1+0) + (-1+0) + (-1+0) +
13.) 9 kt (B, Left) = 17 (A) (R, Right) = -1 Ho (E)
(1-) +1-=
4) $V_{k+1}(E) = \frac{1}{4} \left[ (-1 + v(B)) + (-1 + v(D)) + (-1 + v(D)) + (-1 + v(F)) \right]$
(3)=v4 [ (1 + 0) + (1) + 0)   (1) + 1 = (0)
£-1+1-=
5. Vk+1 (F)= 4 [(-1+v(c))+(-1+v(1))+(-1+v(E))+(-1+v(F))]
5) Vk +1 (+)= 4[(-1+0)+(-1+0)+(-1+0)] = 4((-1+0)+(-1+0)+(-1+0)]
=-1



28.) f = 1 + (-1) = -1 + (-1) = -2 = -220.) g = 1 + v(c) = -1 + (0) = -1 + (0) = -1 = -1 = -1 = -1 = -1 = -1 = -1 = -1

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Joya Anne Colorado CCRNFIRE
VK+2 (A) 4 [(-1+v(A)+(-1+v(B))+(-1+v(D))+(-1+v(A))]
         = $ [ (-1-1) + (-1-1) + (-1-1) + (-1-1)]
40)
VK+2 (B) = a (-1+v(B)) + (-1+v(E)) + (-1+v(A)+ (-1+v(C)))
        = 4 [ (-1-1) + (-1-1) + (-1+0)]
41.)
 VK+2 (D) = 4 [ (-1+v(A)) + (-1+v(G)) + (-1+v(E)) + (-1+v(O))]
         = 4 [(-1-1)+(-1+0)+(-1-1)+(-1-1)]
           = -1.75
42
 VE+2(E) = 9 [ (-1 +v (B)) + (-1+v(H)) + (+1+v(D)) + (-1+v(F))]
        = = = (-1-1)+(-1-1)+(-1-1)+(-1-1)
 43)
 YK+2(+) = 7 [ (-1+v()) + (-1+v(1)) + (-1+v(E)) + (-1+v(F))]
         = \( \frac{1}{9} \int (-1+0) + (-1-1) + (-1-1) \)
        = 901-7.5
 VHZ (H) = \frac{1}{4} [ (-1+v(E))+(-1+v(H)) + (-1+v(G)) + (-1+v(I))]
         = 4 [(-1-1) + (-1-1) + (-1+0) + (-1+0)]
        -- I.J
```



```
48.)
E at k+2
10.) 9 k+2 (E, lept) =-1+v(D)
                                     4. 9 k+2 (E, Ryn) = -1+v(F)
                =++(-1.75)
                                                 =-1+(-1.5)
                =-2.75
1. gk+2(E, Up) = -1+v(B)
                                   10.9 k+2(E, Dun)=-1+(wH)
              = -1 + (-1.75)
                                                =-1+(-1.5)
              = -2.75
                                               = -2.5
                 w) T+12= 5"
49.)
                    Right, Drun
    at k+2
 81.) 9 6+2 (F, Uplept)=-1 +(E)
                                ner.) 9 k+2 (F, Right) =-1+v(F)
                                                   =-1+(-1.1)
                     = -1+(-2)
8. 9 km ( F, Up) = -1 tr (c)
                                 24.) 9 kt2 (F, Ry Pm -- -1 tv (1)
                  = 1+(0)
                                                  =-1+(0)
                       23.) 1 KHZ (F)= $ UP Down +DDP
50.)
H. at k+2
                                 27. 9 k+2 (H4 Right) =-1+v(1)
 26.) 9k+2 (H, lept) = -1+v(B)
=-1+(0)
                                                    = -1+(0)
                                  29. 9 k+2 (H, Dm)=-1+v(H)
 88. 9 H2 (H, Up) =- 1 tv (E)
                                                   =-1+4.5)
                  = -1+(-2)
                                                   --2.5
```

