II

Osama sayed fally

2

## Shee 1 Answer

X= 0,05 X2 = 0,10

b = 0.35 b2 = 0,60

Initial weights

W1=0,15

W5 = 0,40

Wz = 0,20

W6= 0,45

W3 3 6,25

W75 0,50

wys 0,30

U8-0155

out put value

01 50,01 0250,99

Forward Pass

In H = X, \* W1 + X2 W2 + b1

= 0,05 \* 0,15 + 0,10 \* 0,20 +0,35

= 0, 3775

activotion functions

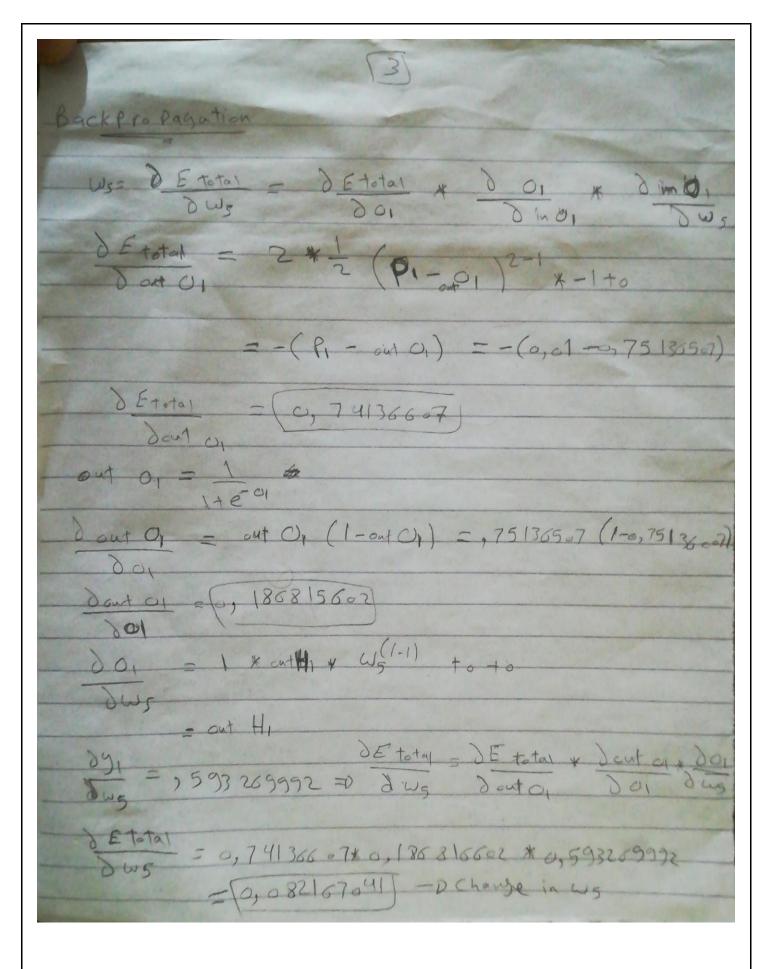
out H, = 1 =

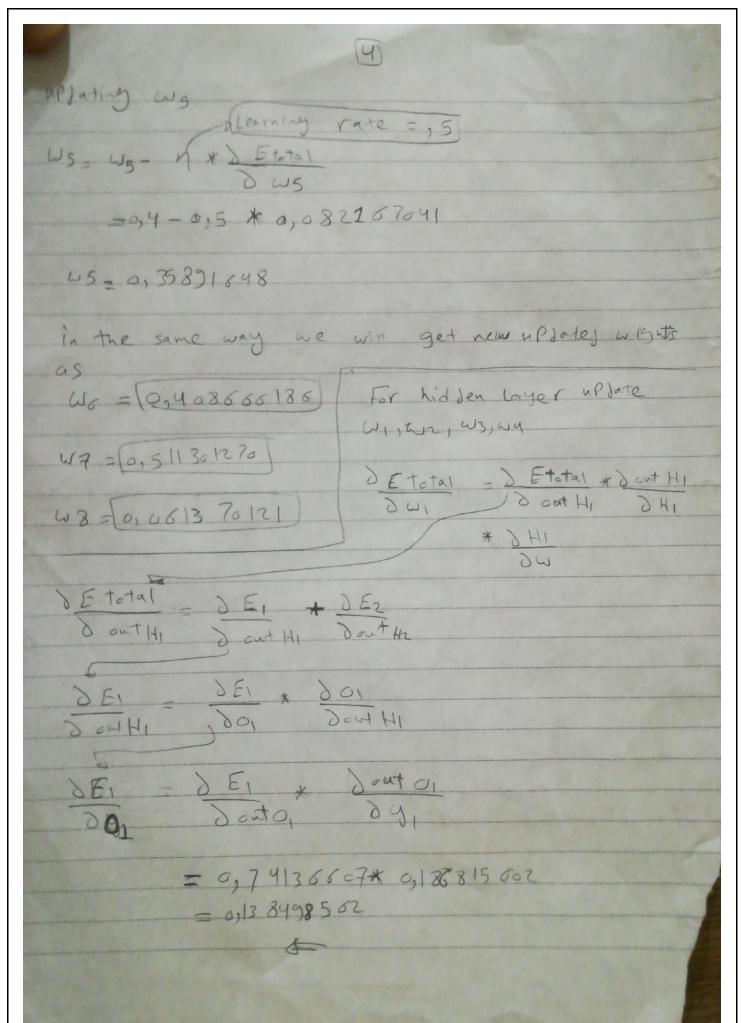
1 = 0,593269992

= 12(P, -01)2+1(P2-02)2

= + (0,01-,7513600)2+ + (,99-9,72)2

= , 274811083 + 0,023 5 5026 = 9 2983711091





201 - WS = 0,40 Douth DE1 = 0,13899 8562 \* 0,40 = (0,055 399425) douthe DE2 --0,019049119 DETotal = 0, 055 399425 + (-0,019049119) DWI = XI = 0,05 Etetal = DEtetal \* Dent HI DWI D & Total = 0,03 635 \* 0,241300 \* 0,05 = 0,000 438 568 uPlating Wi W1 = W, - n \* d E total = , 16 - 0, 5 \* 0,000438 =, 149780716 in the same way W2 = 0,199 56 143 W3=0,249,75/14

wy = 0, 29950229