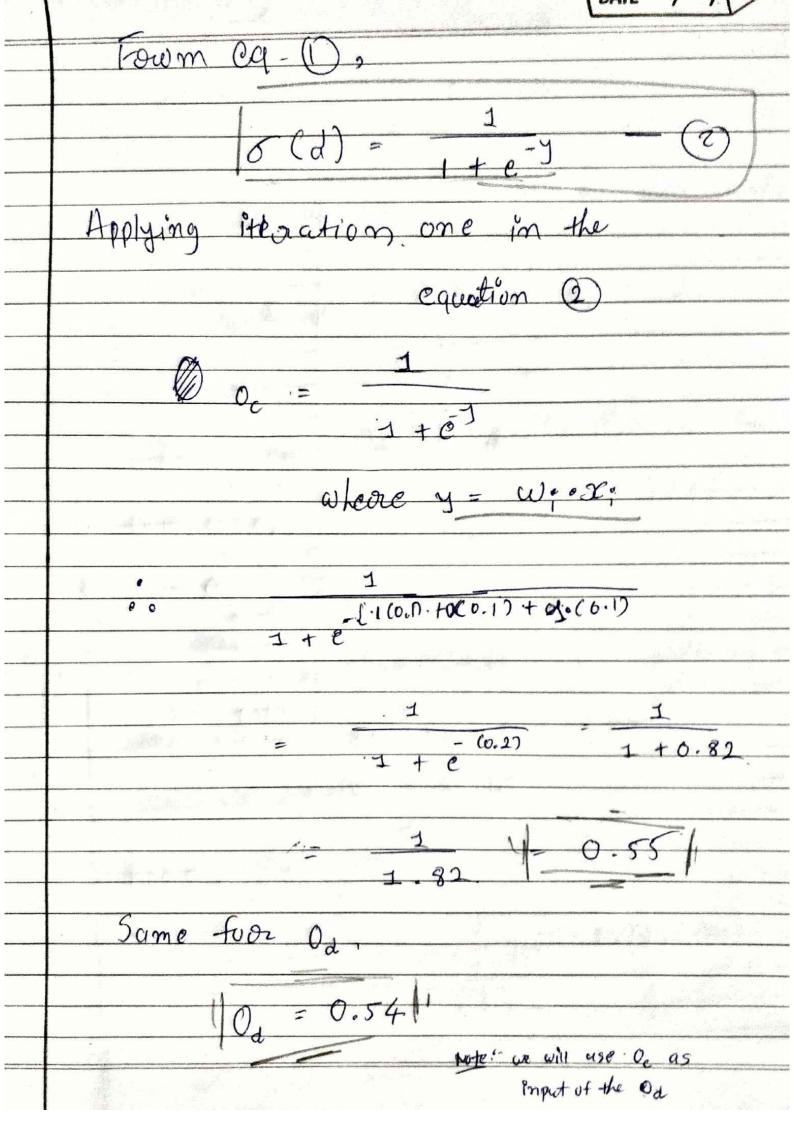
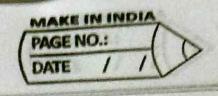


As Sigmoid Activation functions In Our Case, m $net = \ge w_i x_i$ i=0where weight of inputs x = 1mput hoore, 0 = o(met)



	DATE / /
OF 41	
	Step 9:
	Calculating coronor teorm Sta foor each imput
	$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right)$
\dashv	Sp-) Op (1-0m) (tp-0m)
1	for us,
	$S_d = O_d (1-O_d)(t_d-O_d)$. $t_d = 0$
	= 0.54 (1-0.54) (1-0.54)
	J= 0.114
	Øn.
	AND THE CONTRACTOR OF THE PARTY
	Step 3 9-
2	Celeulete couro de team &
	8 6 0c (1-0c) Z W Sd.
	= (0.55) (1-0.55) (0.1)(0.114)
	= 0.0028



step 48-

Wii - Wii + DWgi > (I)

Where

D. Wy; = 78; xj;tasw;(m) >> (P)

for Own Cuse,

D.Wdc = n & Oct X D.Wdc. (n-1)

· · · · × Swdeln-1) =0

50,

DWdc = M 82000 (00 M = 0.3)

-(0.3)(0.114)(0.55)

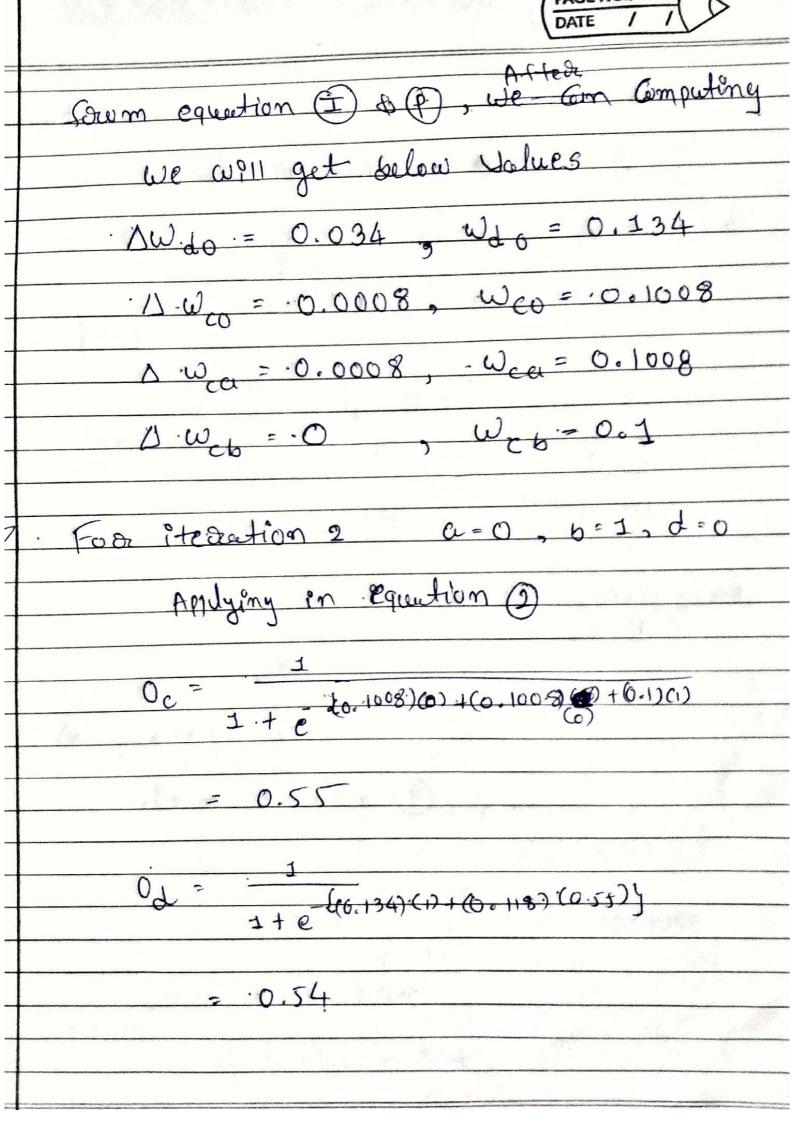
DWdc = 0.018

Dum (2)

Wac = Wac + D. Wac

= 0.1+0.018

Wac = 0.118



Step 2 . Calculating cower toom St 82 - 02 (1-02) (ta-0d) in ta=0=4 = (0:54)(0.48). (-0.54) = - 0.136 Foa 8 ·S= 0c (1-0c) 2 Wac . Sz = (0.55)(0.45)(-0.186)(0.118) = -0.004 A updating weights of each notwork -Swam equection (P) DWdo = 782 Odo + x D Wdo (n-1) -(0.3) (-0.136)(1) +(0.9) (0.034) = .-0.009 Mgo = Mgo + Dafe = 0.134+ (-0.009) = 0.125

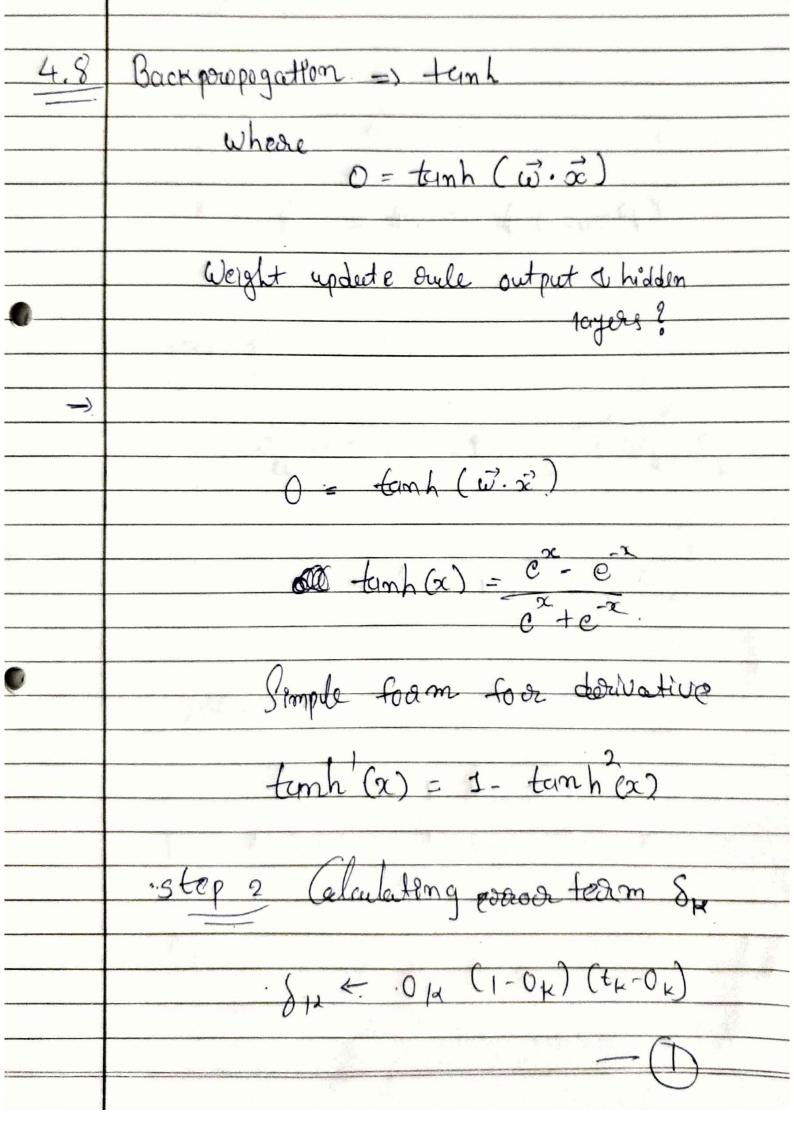
Lille wise foor

DWdc = -0.005, Wdc = 0.113

Δ ωca = 0.0007, ωca = 0.101

△ Web = '-0.0004, Weo = 0.100

Δ·Web= -- 0.0012, Web= 0.099



Town Equedion (1) · 6 12 = tanh (x) (tu-04) step 3: See - 0a (1-0a) = Wka Sk = funh(x) Z. w Ka 812 · DW = n 8 K· X; = n(familia) (tr-ox)) Wie With DW.
= With Clanhia (x) Ctiz-OR)