ROIL NO - DOO 2 Name - Vinod Barela Assignment 1.1 (0x2) + (1-x2) +2 = there apply Activation function to the each 2 = W + & wixi Left = wax (0.5) Hidden Layer 1 25 Kell (0, -8) = mox (0, -8) = 0  $Z_1 = 3 + (3x - 3) + (2x - 1)$ 0 = (1 = 0) x mon = (1) = 0) 11/29 = = 3+(-9)+(-2) = Pells (0.9) = max (0.9) = 0 21=-8 21=-8) cmax (5:3)=0 22= 3+(2x-2)+(3x-1) = 3/-4-3

23 = 3 + (3x - 4) + (2x0) | 1 | from a pixel

24=3+(3x0)+(2x-3)

= 3-6

24 = -3

Here apply Activation function to the each neuron

Relu = max (0,2)

21 = Relu(0, -8) = max(0, -8) = 0

22 = Relu(0, -4) = max(0,-4) = 0

23 = Relu (0,-9) = max (0,-9) =0

24= Relu (0,-3) = max (0,-3) = 0

29 = 2+(2x-2)+(3x-1)

8, -4- 75 =

D25 - H



\* Hidden layer 2. 0 = = 0

25 = 3

$$\frac{1}{26} = 3 + (0x - 3) + (0x - 5) + (0x + 1) + (0x - 1)$$

26:3

$$z_{1} = 3x + (0x-1) + (0x3) + (0x2) + (0x-3)$$

= = 3

$$\hat{y} = 3 + (3x - 5) + (3x4) + (3x - 3)$$