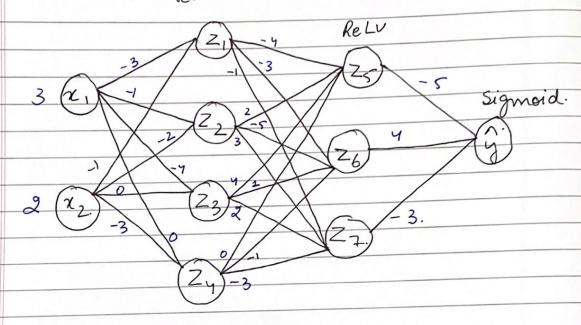
classmate

Date _______

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A Hidden layer I.

2/7/3/1/43×13/1/ 1/3/1/2/ 1/3/x + (3/x + 1/2 x + 2/40)

$$Z_1 = 3 + (3 \times -3) + (2 \times -1)$$

= -8.

$$Z_2 = 3 + (3 \times -1) + (2 \times -2)$$

= 3 - 3 - 4



	Page
	$\frac{2}{3}$ $\frac{3}{3}$ $\frac{1}{4}$ $\frac{3}{3}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{4}$ $\frac{1}$
	25 = man (03) = 3 P = =
	21 = man(0,3) = 3
	$2y = 3 + (3 \times 0) + (2 \times -3)$
	= 3 -6
	q = 3 + (3x-5) + (3x-3)
*	Hidden Layers. Presit ?1- 8=
	P =
	Ich.
	Applying the signaid function.
	Applying the relu activation function.
	$z_1 = \max(0, -8) = 0$ $z_2 = \max(0, -4) = 0$ $z_3 = \max(0, -4) = 0$
	$z_0 = max(0, -9)$
	2y = man(0, -3) - 0
*	Hidden layer 2.
	$Z_5 = 3 + (0 \times -4) + (0 \times 2) + (0 \times 4) + (0 \times 6)$
	= 3
	= 3
	$Z_{7} = 3 + (0 \times -1) + (0 \times 3) + (0 \times 2) + (0 \times -3)$ $= 3$
	$Z_{7} = 3$

6=	Date Page)
	Applying the viele activation function.	
	$z_5 = max(0,3) = 3$	
	$z_6 = max(0,3) = 3$	
	27 = max (053) 213.0x8) +8 = 15	
	8-8=	
	E = = 3	
	$\hat{y} = 3 + (3 \times -5) + (3 \times 4) + (3 \times -3)$	
	$\hat{y} = 3 + (3 \times -5) + (3 \times 4) + (3 \times -3)$ $= 3 - 15 + 12 - 9$	
	= -9.	
	2.55	
	Applying the sigmoid function.	
	Applying the sure activation function.	
	$\frac{G}{G} = \frac{1}{1-(-2)}$	
(2(0) m	g = 1 $g = 1$ $g =$	
	S = man (o)	
	$z_{3} = man(0, -9) = 0$ $z_{4} = man(0, -3) = 0$ $y = 0$	
	24 = mare (0, -3) -0 9+1	
	= 1.2339 × 10 4 . Suppl melbit t	
	-1-2339 X 10 . ENGLINE	
	ZE = 3 + (0 x - 4) + (0 x 2) + (0 x 4) + (0 x 0)	-
	2=	
	The transport of the New State of the State	
	2, = 3 + (0x-3) + (0x-5) + (0x1) + (0x-1	
	2 = 6 4 4 - 87 + (2.8 - 8 = 1.1.18)	
	Zz = 3+(0x-1)+(0x3)+(0x2)+(0x-3	
	= 3	
	W. 2-3 + (3×10+1/2-1/2-1/2)	
	3 43 44	