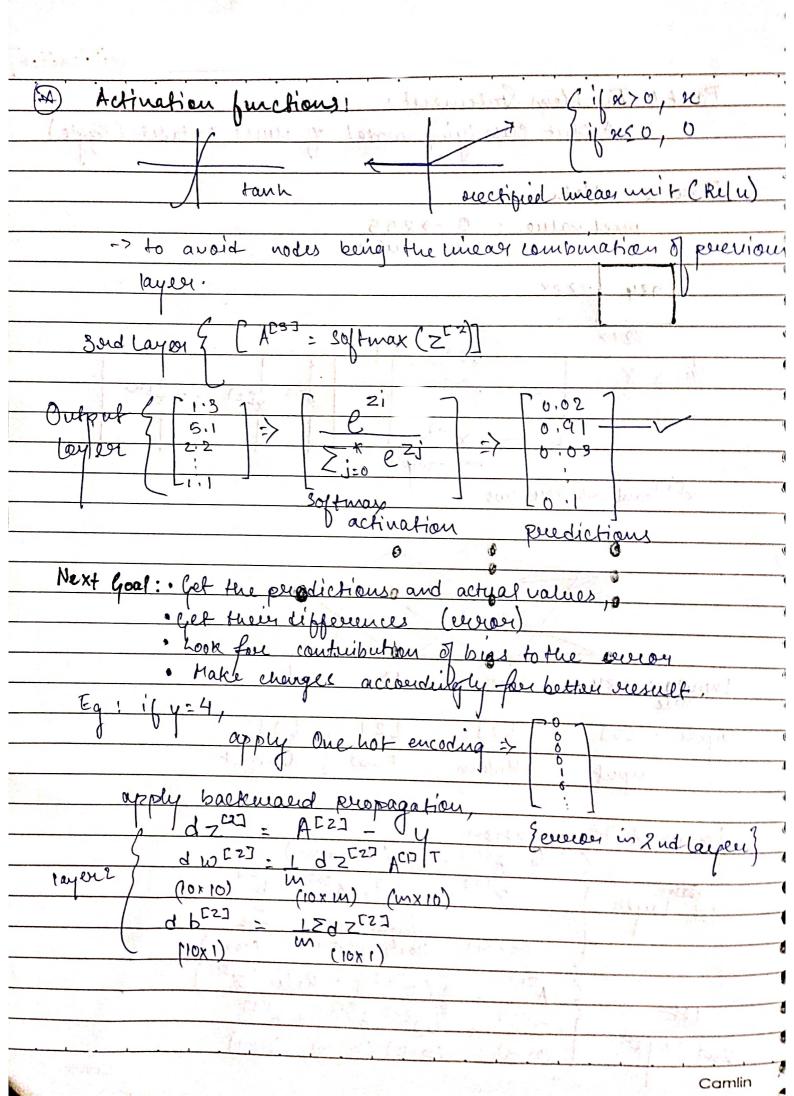
ANN- DIGIT CLASSIFICATION.

U =			
Part 1- Perobl	em Gatement!	I CACHDAY ME	MANIER
A Dig	+ classifying mode	1 of MNIST Da	taser (toggie)
		V	
Part 2 - Mate			the set were the second second at the second
pinel va	the 1 0 \rightarrow 255		the second state of the second
			A A COL
784 28	? X		
28 px	11 15 15 14 1	A	16311 11431
1/P => X =)		
1	x(2) -	XELIZ XESZ	Cn3 X
	[man and the second second second second
.	mexamples	3	
× ^{Ci]} cantains 7	surows	and the second second second second	
3.1.615	our products		
		1	1 1 1 1/4 1/4
• /			Next Goal:
Tunit 1 704	10	Section description	1
Input! 784			
layer: CO]	[2]	[3]	
iput	Hidden Fina	e; Output	File the section of the file of the section of the
	J. Driet Con	us franco-Marel	Alleria
Forward Perop	agation:	1-04 450	
ζ'		suxum)	
1st layer	Z = w[1].	A COJ + b	
	weight	ip blar	Commission of the Control States and the Cont
		(38Axm) (10x1)	
5	ACIT = g(zcit)) = Retu (z F13)	
	ZEZZ = WEZZ A	t PCEJ	
2nd layer.	(10 x M) (10 x 10) (1	(10x1).	
			Camlin



9 5 613 = M. 657 L. 9 5 65 (5013) $\frac{(10 \times 10) (10 \times w)}{= 1 d Z x^{T}}$ $\frac{M}{(10 \times m) (m \times 728)}$ Co decivative of activationfor to unwhapit. Estate Reduction (Gradieirs Descent)!
Répeat until Connergence & 3 k = learning drafe (hyper parameter

Camlin