	L -0.0515
	P-13-C11 C D D D D
	Part 3: Calculating Gradients for Hidden Layer Weights
W,	$\frac{\partial \mathcal{E}}{\partial \mathcal{W}_{1}} = \left(\sum_{c} \delta_{z} \mathcal{W}_{i}\right) \text{ out}_{b_{1}} \left(1 - \text{ out}_{b_{2}}\right) \text{ out}_{a_{1}}$
	2W1 (202 001) 00161 (1-00101) 00161
	0 3
	0.1432-x.05 -0.0515 x.40
	=0.0012 + =-0.0206
	2 1000 × (3000) × (3000) × (3000)
	0.7020 × (1-0.7020) = 0.2092
•	3) 21=0.15
1₩2_	3 <u>11=0.15</u>
	(123) -0.0134 × 0.2092 × 0.15
	=-0.000420492
	WED. 0 ( 625 10 - 1) 52 17 2 - ( 525 10 ) = 11
	( 0.1432 x .33) + (-0.0515 x .07) + (0.0437)
	(2) 0.5841 × (1~0.5841)= 0.2429
	well to help and that Complete and I also a second
	32 = 0.15
	0.0437 x 0.2429 x 0.15 + 0.00159
W3	( (0.1432 x .05) + (-0,0515 x .40) = -0.01344
	(0.7020) × (1-0.7020)= 0.2092 (3) a2= .35
Nu	-0.01344 x 0.2092 x.35 = -0.000984
	(1) (0.1432x.33)+ (-0.0515x.07) = 0.0437
	(2) 0.5841 x (1-0.5841)= 02429
	3 al=.35
	0.0437 × 0.2429 × .35 20.003715

0

0.1432