Part 2 g(2): /11e-2 output at hi hor= whixi(xi)+ whix2(1/2) + whip(1) hor = (2.5) (0) - 1 (1) + 15 hor = 1 + 1.5 = 2.5

output at ha

$$h_2 = \omega h_2 \times (\times_1) + \omega h_2 \times 2(\times_2) + 1(\omega h_2 b)$$

$$h_2 = \omega h_2 \times (x_1) + \omega y_2$$
  
 $h_2 = (-1)^{-}(0) + (-3)^{(i)} + (2)$ 

out put value at node ha

out put at node g:

$$\hat{y} = (0.9211 | 1(1) + 0.5(0.2689) + (-1)(1)$$

$$= 0.9211 + 0.1345 + 1$$

$$= 0.0586$$

$$0.04 - \hat{y} = \frac{1}{110^{-(0.0786)}} = 0.5146$$

$$= 1/2 (1 - 0.5146)^{2} = 0.11778$$

$$= 1/2 (1 - 0.5146)^{2} = 0.4853$$

$$\frac{36}{39} = 1 - 0.5146$$

$$\frac{\partial \hat{y}}{\partial z_{0}} = \frac{\partial \hat{y$$

wghz 2 0.50079123

wyb = d(1) y (1-y) (y-0) 1 wyb 2 011(1)(0.24979)(0.11728)-1 wgb = -0.9970578 in a fine the second Input hidden weighte 1 whix1 = hig(21) = whý ~k 2 dxihi (1-h) wý \* (y-ŷ) = 0.1(0)(0.45ma)(0.0200)(1)(0.0853) wh, x1 = 2-5 wh2 \* 1 -1 '5 wx1x2 = (0.1) (1) (0.92414) (0.07586) (1) (0.485-35)0) wox1x2 = 1.0034026 where 2 (0.1) (1) (0.2689a) (0.73/06) (0.5-) (0.48+) 3

mpip : (0 1)(1) (0.05mm) (0.05.80)(1) (0.08231)+14 whib = 1.5034026

whole = (0.1)(1) (0.26894) (0.73106) (0.4853)42 ωhb;

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