Milestone | W: [0.0,0,0,0,0] &= 0.5 (pretty, good, bad, plot, not, scenery)

(2) (1) good plot  $y_2 = 1$   $\beta(x_2) = [0,1,0,1,0,0]$   $h_2 = \delta(w,\beta(x_2)) = \delta(0) = \frac{1}{1+\bar{e}^0} = 0.5$  $w = w - d \frac{\partial L}{\partial w}$ 

$$= W - \alpha (h_z - y_z) \phi(x_z)$$

$$= [-0.25, 0. - 0.25, 0. 0. 0] - 0.5(0.5 - 1) [0.1.0.1.0.0]$$

$$= [-0.25, 0.25, -0.25, 0.25, 0.0]$$

$$=W-\alpha(h_4-y_4)\phi(x_4)$$

$$=[-0.25, -0.05|088, -0.25, 0.25, -0.28|088, 0]$$

$$-0.5(0.4378-1)[1.0.0.0.0.0]$$

$$=[0.03|088, -0.05|088, -0.25, 0.25, -0.28|088, 0.28|088]$$