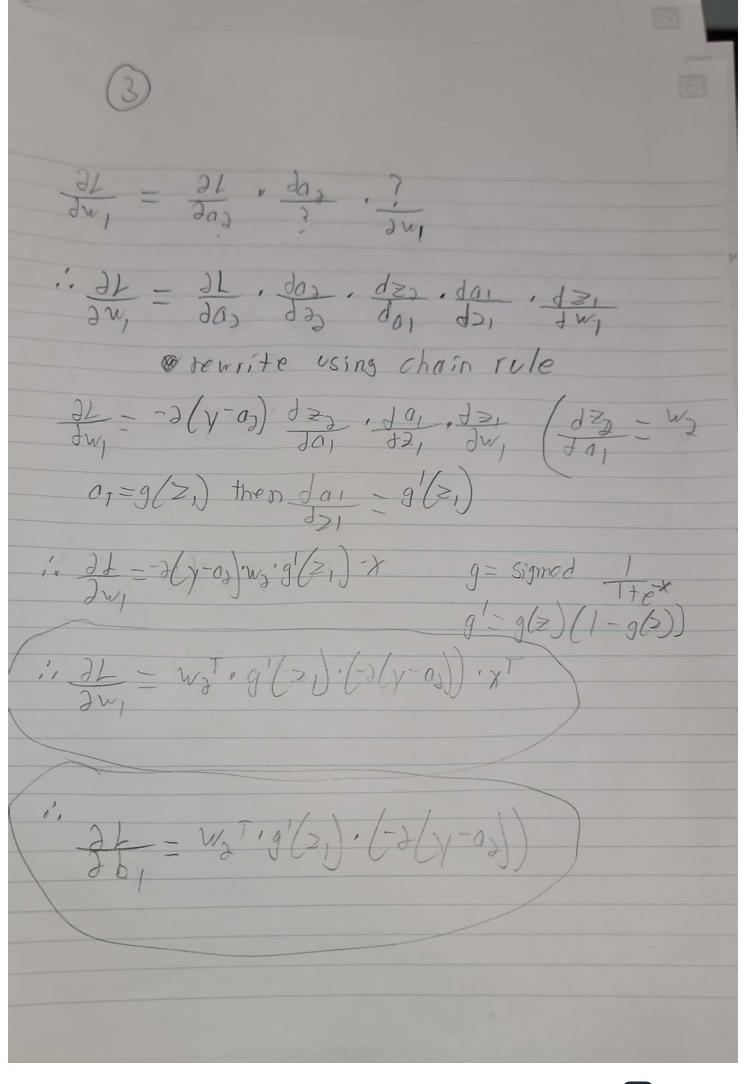
Y= input Features First lover W, 1 b; second loyer Wa, b) output of loyer 1 z,=w, x+b, 0, = g(z) g is act; votion function Layerd: the olp = $Z_{j} = w_{j} \cdot a_{j} + b_{j}$ $a_{j} = g(Z_{j})$ task: regression loss = mse mean squared error O stort intuil gress for with bilbs p!=p!-q, 91. 3) represt

de du duy [] E (y-1)] dus = 1 , dy (y-1)) = 1,2.(y-y) 2-1. d [y-y] -)· (y -]) y = 0) = 9(2) g- nothing 1. 3t = -7. (h. 00). a) in de = -2. (y-a)



question for question 1: the differency benteen regression for mean squared error loss t binary classificating logloss, is the loss function it's self. instead of having logloss in the update rule you now have mean squared error

