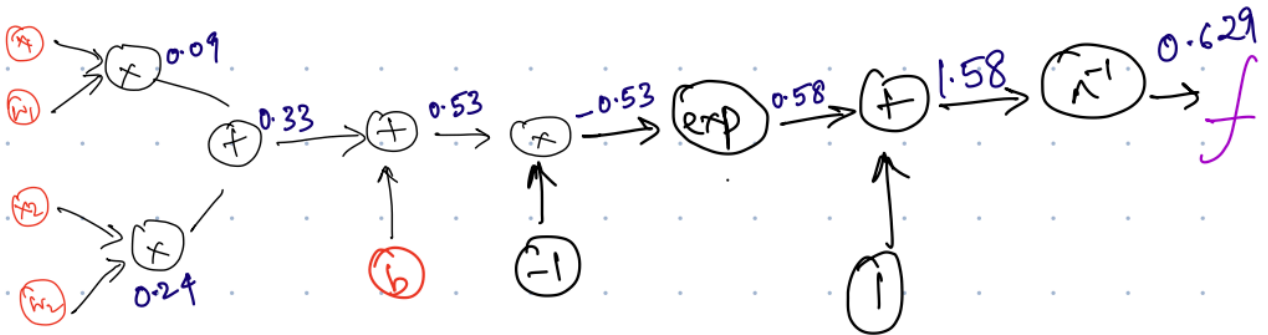
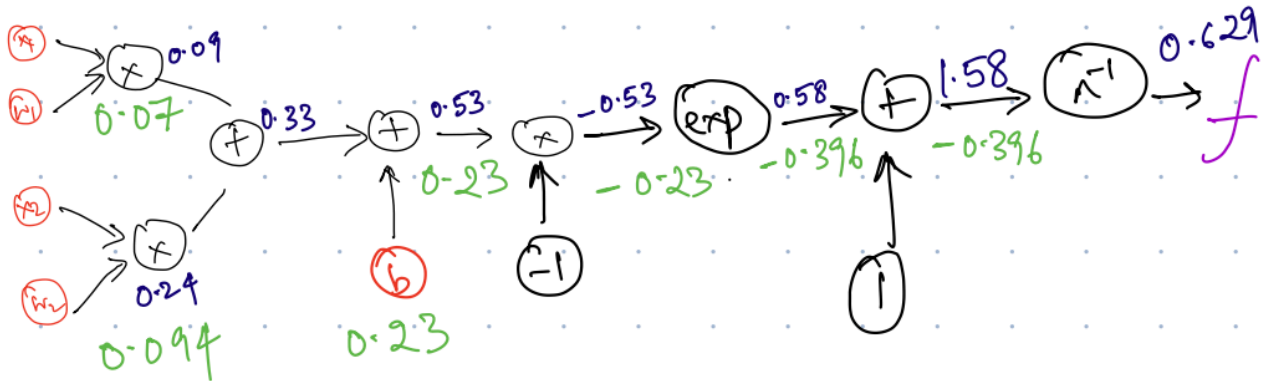


$$f(x_1, x_2) = \frac{1}{1 + e^{-(w_1 x_1 + w_2 x_2 + b)}}$$



(forward pass)



(backward pass).