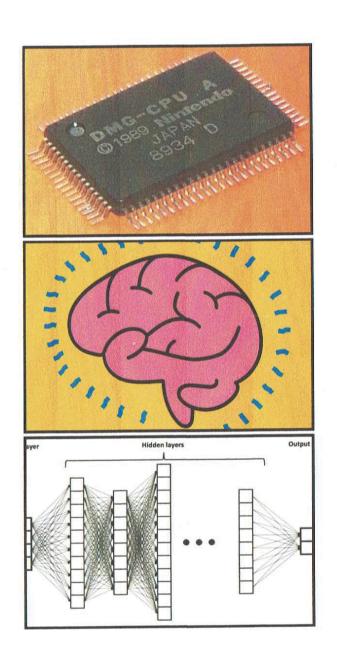
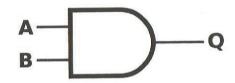
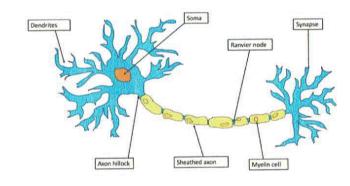
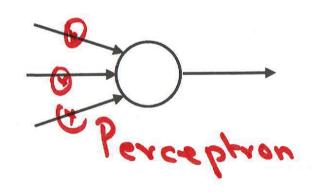
Building towards a complex task!





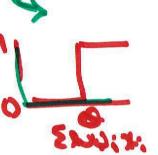




Perceptron!

4(x)= & &

What does it do?

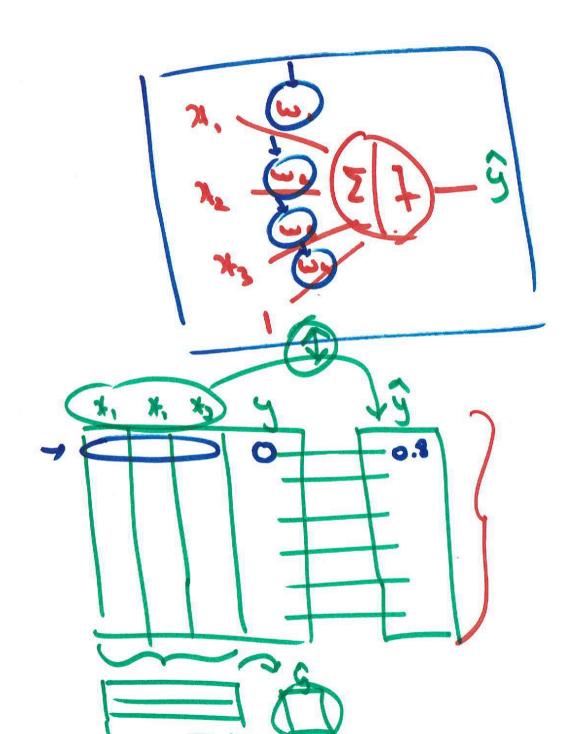


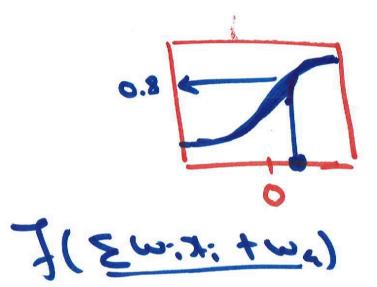


$$\frac{1}{2} \left(\sum_{i=1}^{N} (x_i) \right) = 0$$

Bias

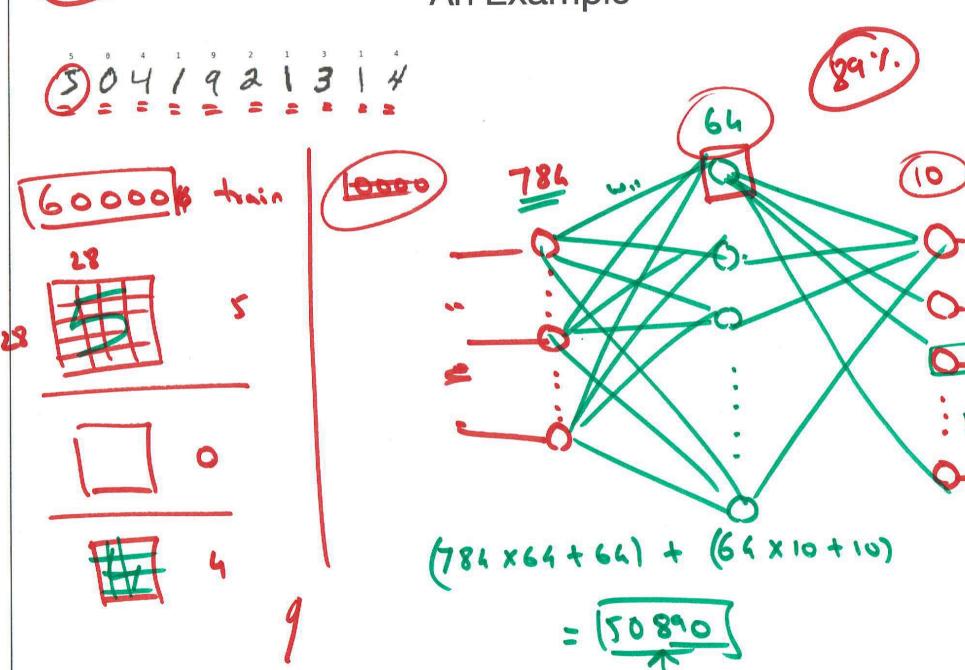
Perception





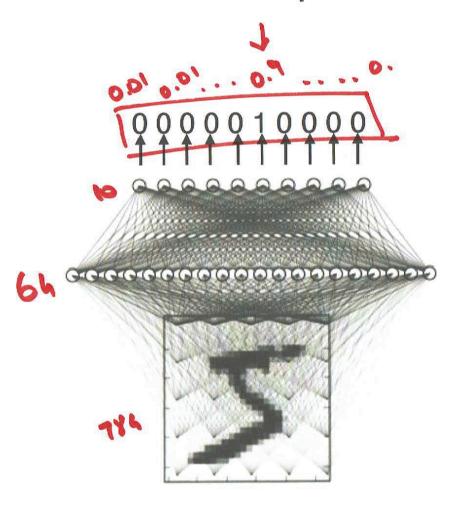


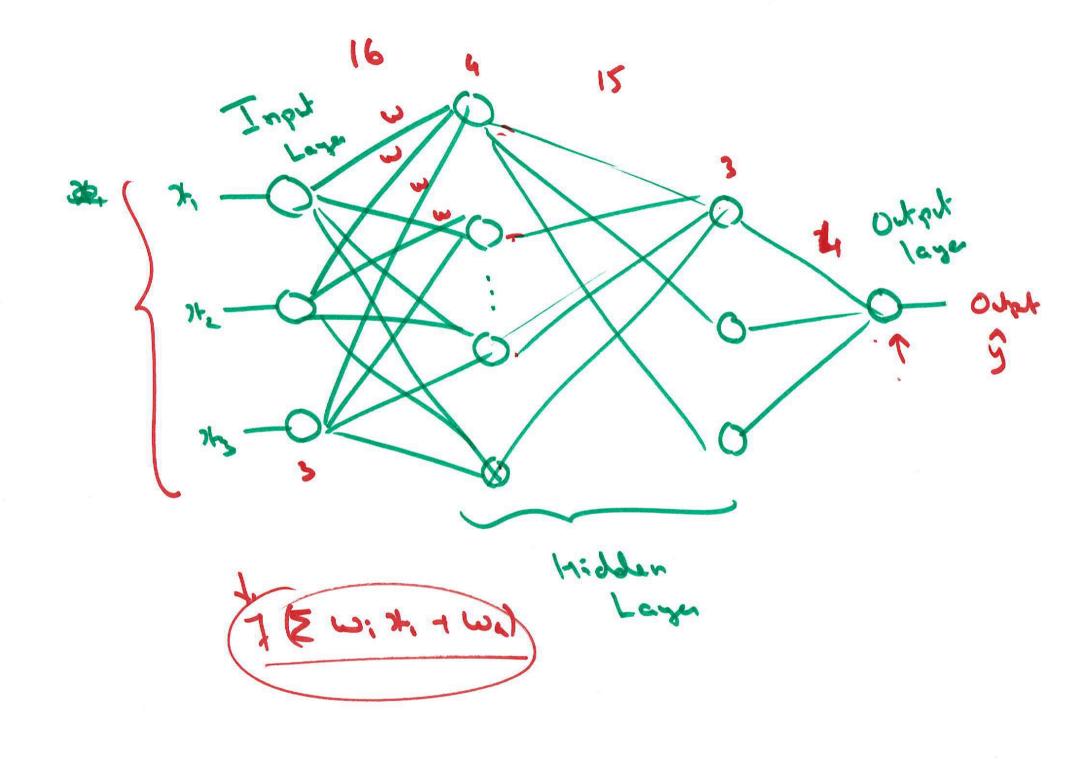
An Example



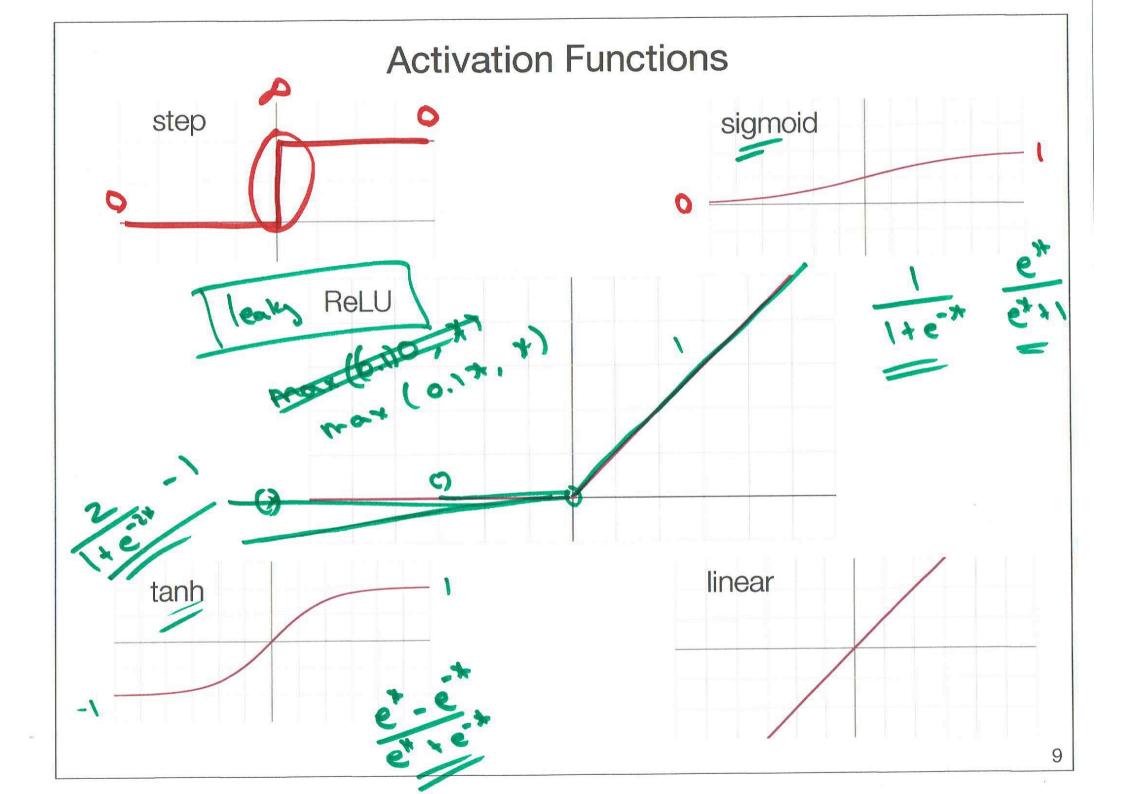
0.01

An Example





Silmaig Out 7 = 7 (Ew; +; + w2)



Relo

J(x) =

| x | 17 x 30

J(x) =

| 0 | 17 x < 0

7(x) = max (0,x)

