LAB 2 notes

XOR gate cannot be separated into two classes hence we say that it is not linealry sperebale(no line to seprate the two classes) . A single neuron cannot learn the functionality of XOR gate you need at least 2 neurons. We have to keep the bias val =1 for inverse logic

You need 3 gates to implement the XOR gate:

X1 X2 z (NAND)

1. 0 1
2. 1 1
3. 0 1

1 1 0