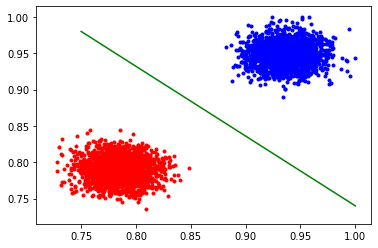
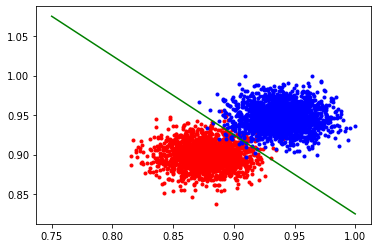
Python 3 code used

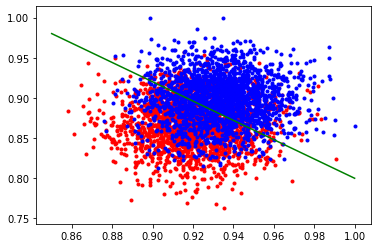
Output :

Data Model A from groupA.txt uses line **Y = (-0.96)X + 1.7**  with normalized data



Data Model B from groupB.txt uses line **Y = (-1)X + 1.825**  with normalized data



Data Model C from groupC.txt uses line  **Y = (-1.2)X + 2** with normalized data

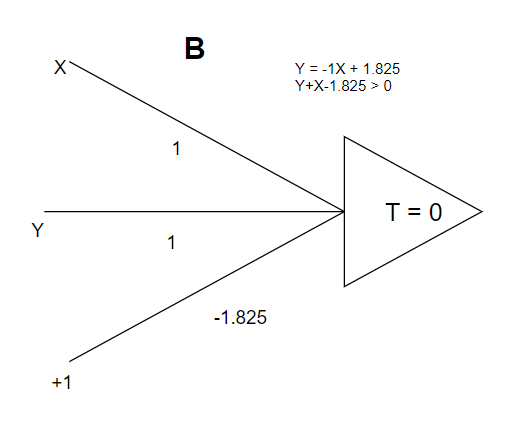
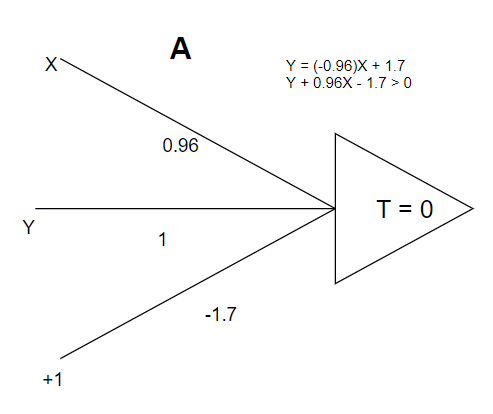
**3B)**

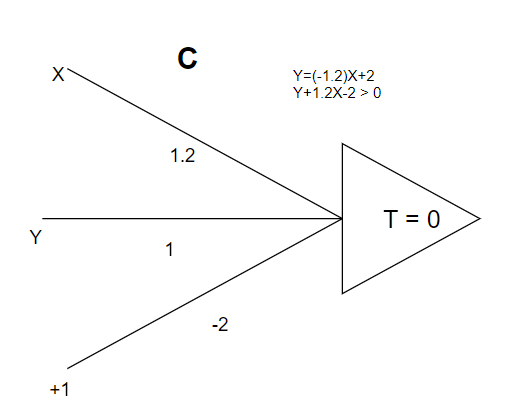
Weights for A were WX = 0.96 , WY = 1 , WBias = -1.7

Weights for B were WX = 1 , WY = 1 , WBias = -1.825

Weights for C were WX = 1.2 , WY = 1 , WBias = -2

Threshold was set to 0 for all three, where above 0 proved to be male.





PR1 ) B ) McCulloch-Pitts neurons

