print("Ajay Tiwari, 31")

print("input x1= ") x1 = float(input()) print("Input x2= ") x2 = float(input()) print("Input x3= ") x3 = float(input())

print("Input Weight w1= ") w1 = float(input()) print("Input Weight w2= ") w2 = float(input()) print("Input Weight w3= ") w3 = float(input())

print("Input Bias b= ") b = float(input())

yin = b + (x1 \* w1 + x2 \* w2 + x3 \* w3)

if yin >= 0: y=1

else: y=0

print("Inputs are:")

print("x1=", x1) print("x2=", x2) print("x3=", x3)

print("Weights are:") print("w1=", w1) print("w2=", w2) print("w3=", w3)

print("Bias b= ", b) print("Net Input yin = ", yin) print("Output= ", y) print("Done")