weight
height
w_1
w_2
w_3
w_4
b_1
h_1
b_2
h_2
h1 = sigmoid(w1 * weight + w2 * height + b1)
h2 = sigmoid(w3 * weight + w4 * height + b2)
w_5
w_6
b_3
o_1
gender
o1 = sigmoid(w5 * h1 + w6 * h2 + b3)