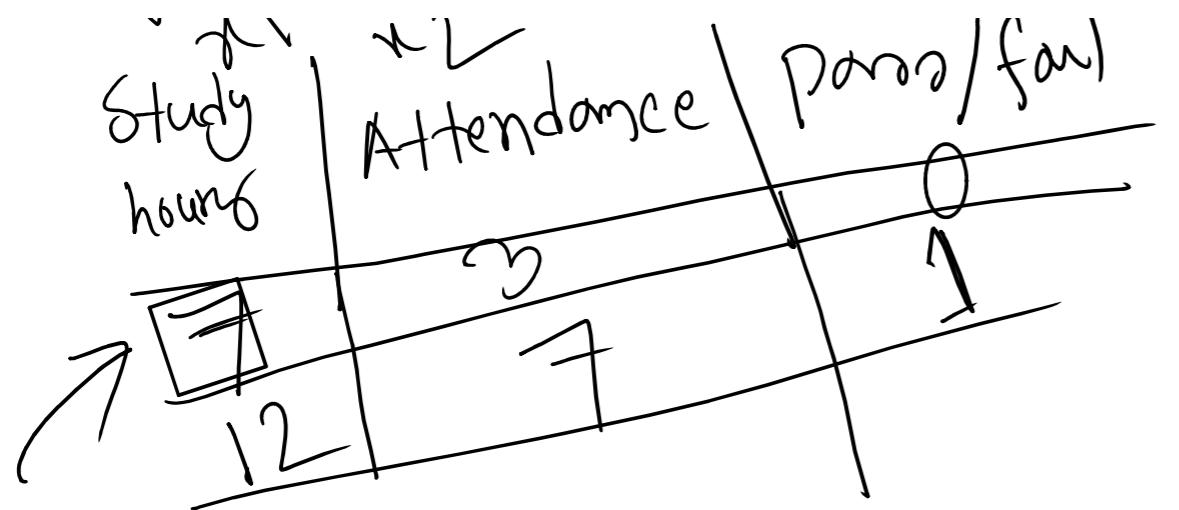


Activation fn:

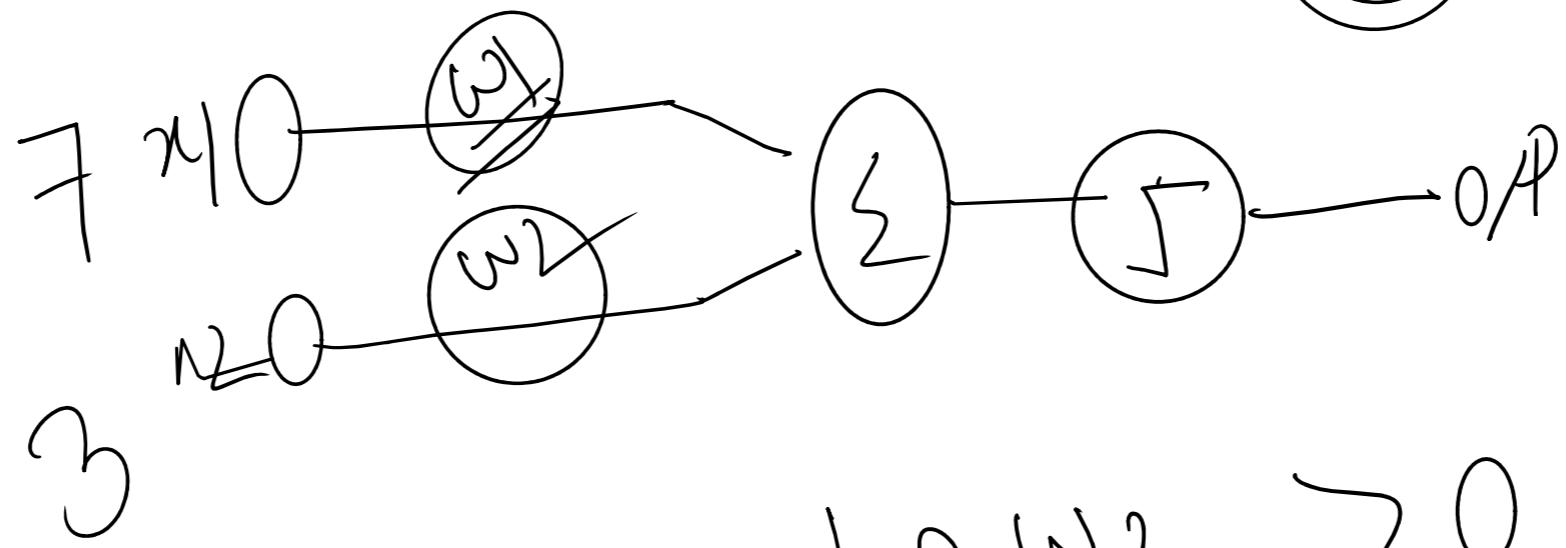
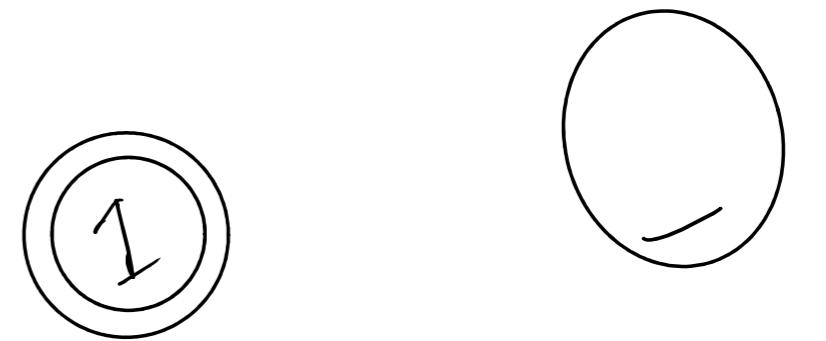
$$\begin{cases} 1 & z > 0 \\ 0 & z \leq 0 \end{cases}$$

✓ w_1 ✓ w_2 ↗
Study 1 ... 1 pass / fail

A hand-drawn circle contains the following values:
 $w_1 = 0.3$
 $w_2 = 0.5$
 $b = 0.1$



$$w_1 = 1 \quad w_2 = 1.5$$



$$7w_1 + 3w_2 > 0$$

$$7 + 3 \times 1.5 > 0$$

A circle containing the number 1, labeled O/P .

Weight update formula