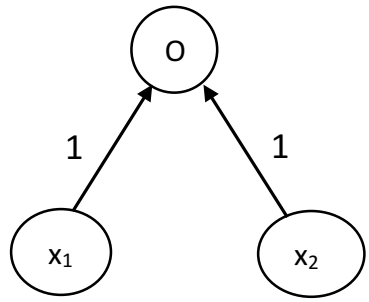
Output layer:

Input layer:



repeat
  for each *e* in *examples*:
    $in \leftarrow \Sigma_{j=0..n} W_j x_j[e]$
    $Error \leftarrow y[e] - g(in)$
    $W_j \leftarrow W_j + \alpha * Error * g'(in) * x_j[e]$
until *done*

Sigmoid activation function
Learning rate 0.7
Fill in the table independently of prior weight adjustments
https://www.tinkershop.net/ml/sigmoid_calculator.html

AND Perceptron

X1	X2	y	I_1	I_2	O_{in}	O_{act}	O'_{act}	E	Δ_{w1}	Δ_{w2}	W_1	W_2
0	**0**	0										
0	**1**	0										
1	**0**	0										
1	**1**	1										