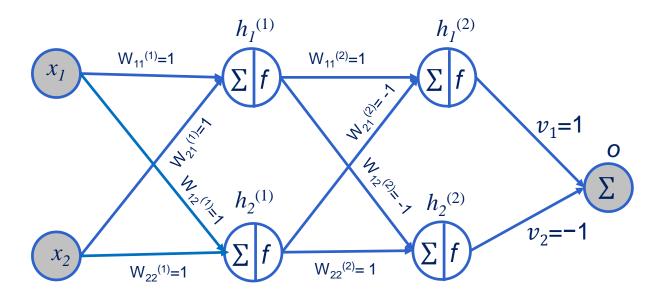
input layer



hidden layer

output layer

- Suppose we use sigmoid function (i.e., $f(x) = \frac{1}{1 + \exp(-x)}$) as the activation function in this network. All the bias are set to 0.
- Given a sample $x_1 = 0$ and $x_2 = 0$, what are the output values of each node.

node	output Value
$h_I^{(1)}$	
$h_2^{(1)}$	
$h_I^{(1)}$	
$h_2^{(2)}$	
0	

Solution

