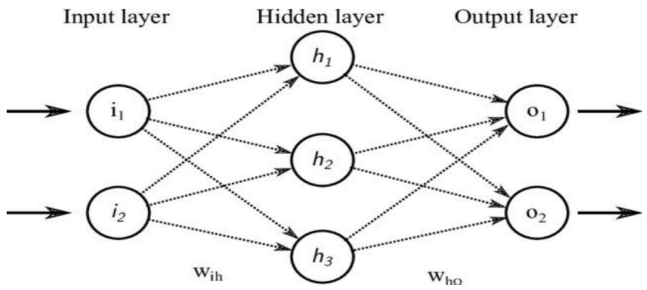
CSE 427 Fall 2025

Quiz-3

Time – 25 minutes

Name:_____ ID:_____ Section: ___



The weight of every link is 0.5. The biases of node h1, h2, and h3 -1.5. The bias weights of node O1, and O2 are -1.5, and -1.75 respectively. For i1 = 1 and i2 = 1 the true outputs of nodes O1, and O2 are 0 and 1 respectively. Assume that all the nodes are using the Relu activation function. Find the revised weight of W23. (i2 to h3).

CSE 427 Fall 2025

Quiz-3

Time – 25 minutes

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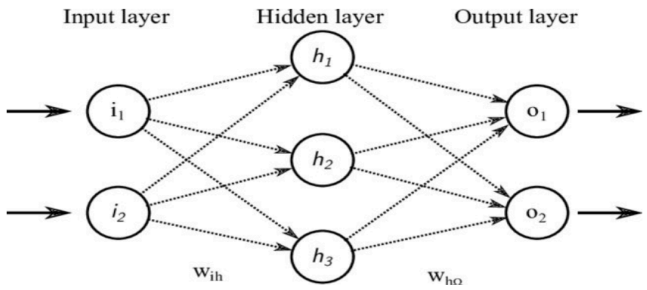


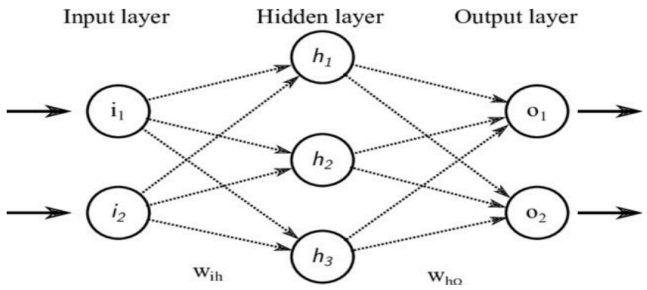
The weight of every link is 0.5. The biases of node h1, h2, and h3 -1.5. The bias weights of node O1, and O2 are -1.5, and -1.75 respectively. For i1 = 1 and i2 = 1 the true outputs of nodes O1, and O2 are 0 and 1 respectively. Assume that all the nodes are using the Relu activation function. Find the revised weight of W12. (i1 to h2).

CSE 427 Fall 2025

Quiz-3

Time – 25 minutes

Name:_____ ID:_____ Section: ___



The weight of every link is 0.5. The biases of node h1, h2, and h3 -1.5. The bias weights of node O1, and O2 are -1.5, and -1.75 respectively. For i1 = 1 and i2 = 1 the true outputs of nodes O1, and O2 are 0 and 1 respectively. Assume that all the nodes are using the Relu activation function. Find the revised weight of W13. (i1 to h3).