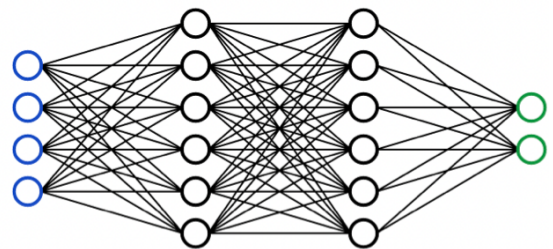Haonan Hu

2/23/2021

2863545

In-Class Problem

1. For the neural network depicted to the right:
    a) How many inputs are there?
    b) How many hidden layers?
    c) How many nodes are their in each hidden layer?
    d) How many classes can it predict?
2. Draw a neural network classifier for 3 features and 2 classes that has 1 hidden layer with 4 nodes.

1. For the neural network depicted to the right:

    a. How many inputs are there?

       4

    b. How many hidden layers?

       2

    c. How many nodes are there in each hidden layer?

Hidden layer 1: 6

Hidden layer 2: 6

d. How many classes can it predict?

2

2. Draw a neural network classifier