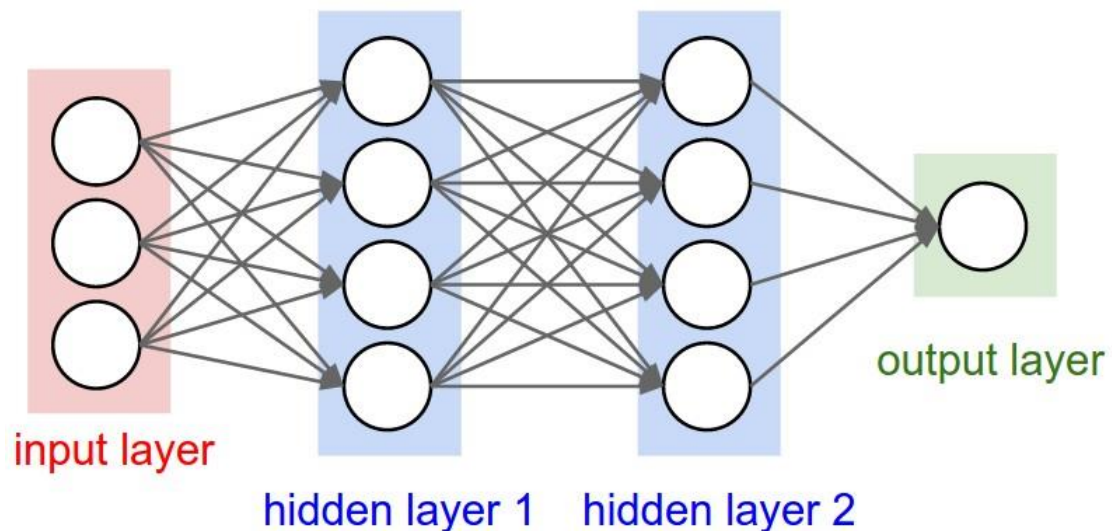# Homework 6

Instruction (40pt):

Try to design a feed forward neural network for handwritten digits classification.

Prepare a document to report your homework containing the following information in one week.

1. Show your network architecture like the figure below

input layer

hidden layer 1   hidden layer 2

output layer

2. Show your code

3. Show the training and testing information

4. Show the test results

Some available examples for your reference:

Tensorflow:

https://github.com/aymericdamien/TensorFlow-Examples/blob/master/tensorflow_v2/notebooks/3_NeuralNetworks/neural_network_raw.ipynb

Pytorch:

https://github.com/yunjey/pytorch-tutorial/blob/master/tutorials/01-basics/feedforward_neural_network/main.py#L37-L49