Assignment 3

1- Change the number of neurons in hidden layers to 75. See the accuracy and compared it to the baseline.

2- Change the number of epochs to 35 and see if it has any effect (50 neurons)

3- Add one more layer to the designed neural network and see the result (This layer contains 25 nodes). Draw graphs and compare accuracies.

➡ These are 3 independent questions. So you need to have three sections in your solution that answers to any of these questions

➡ Please run your code in python notebook and submit an html file that contains both code and result. You can use any other python IDE but the result should contain the code and the output of it (please do not copy/pate results)

➡ PLEASE DO NOT SUBMIT JUST THE PURE CODE (.py or .txt or ipynb or…)- IT WILL NOT BE GRADED.