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**ECE421 Programming**

# Assignment 2: Questions

## 3 Performance Evaluation

1. In your scikit-learn implementation, wet hidden layer sizes to the following values (5,5),(10,10) ,(30,10) and keep other parameters the same or as default. Report their training and testing accuracy using the same train-test split in the test Part1().

|  |  |  |
| --- | --- | --- |
| Hidden Layer Size | Training Accuracy | Test Accuracy |
| (5, 5) | 52.5% | 40% |
| (10, 10) | 96.25% | 95% |
| (30, 10) | 96.25% | 90% |