**Lab 3**

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# Mnist

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| **Name** | **Test Loss** | **Test Accuracy** |
| SGD | 0.0791 | 0.9846 |
| RMSprop | 0.1541 | 0.9815 |
| Adagrad | 0.0972 | 0.9853 |
| Adadelta | 0.1001 | 0.9855 |
| Adam | 0.1350 | 0.9774 |
| Adamax | 0.1028 | 0.9861 |
| Nadam | 0.1310 | 0.9792 |

# CIFAR10

* Test Loss: 16.01252
* Test Accuracy: 0.1

# CIFAR100

* Test Loss: 5.1260
* Test Accuracy: 0.01

# Fashion MNIST

* Test Loss: 14.5069
* Test Accuracy: 0.1