

**Assignment-10**  
**Cloth classification using RNN and CNN**  
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**Command for training:**

```
python3 rnn.py --train
```

**Command for testing:**

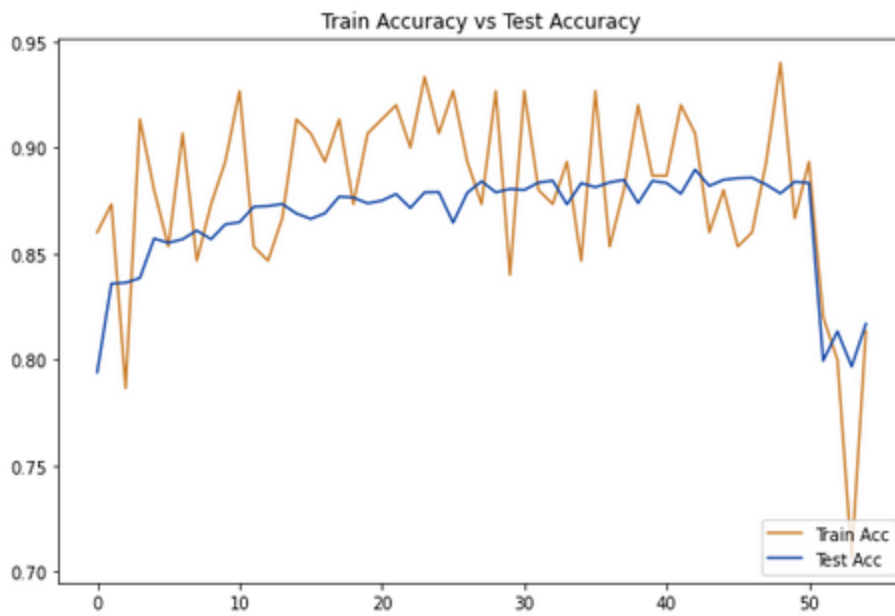
```
python3 rnn.py --test
```

Result after training:

Epoch 0	Validation accuracy: 82.812%	Loss: 0.464
Epoch 5	Validation accuracy: 86.719%	Loss: 0.393
Epoch 10	Validation accuracy: 82.812%	Loss: 0.381
Epoch 15	Validation accuracy: 96.094%	Loss: 0.212
Epoch 20	Validation accuracy: 89.062%	Loss: 0.355
Epoch 25	Validation accuracy: 87.500%	Loss: 0.381
Epoch 30	Validation accuracy: 93.750%	Loss: 0.190
Epoch 35	Validation accuracy: 91.406%	Loss: 0.201
Epoch 40	Validation accuracy: 92.969%	Loss: 0.240
Epoch 45	Validation accuracy: 87.500%	Loss: 0.317
Epoch 50	Validation accuracy: 91.406%	Loss: 0.176
Epoch 55	Validation accuracy: 90.625%	Loss: 0.288
Epoch 60	Validation accuracy: 91.406%	Loss: 0.217
Epoch 65	Validation accuracy: 84.375%	Loss: 0.333

Early Stopping

## Accuracy plot:



## Loss Plot:

