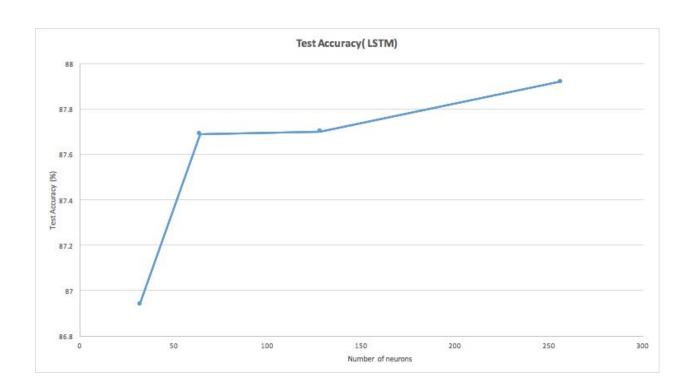
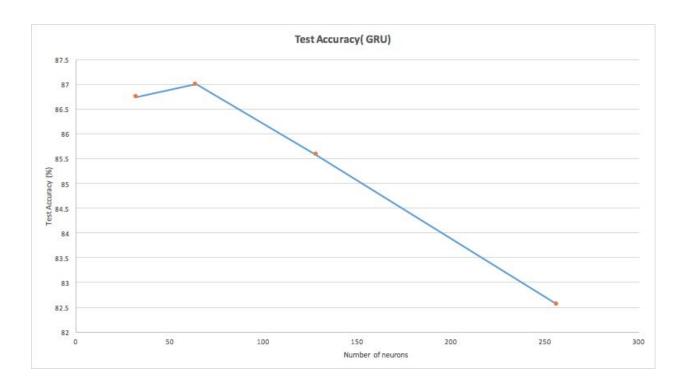
**Test Accuracy** 

| RNN Type | Hidden unit size | Test Accuracy |
|----------|------------------|---------------|
| LSTM     | 32               | 86.94         |
| LSTM     | 64               | 87.69         |
| LSTM     | 128              | 87.70         |
| LSTM     | 256              | 87.92         |
| GRU      | 32               | 86.74         |
| GRU      | 64               | 87.00         |
| GRU      | 128              | 85.58         |
| GRU      | 256              | 82.56         |





Test accuracy is increasing in LSTM as number of neurons is increasing while Test accuracy is decreasing in GRU. This is simply because number of parameters is less in GRU. As we increase number of neurons, it become saturated at a certain point and causes overfitting.