**Report**

Learning rate = 0.1 & Dataset Name = IRIS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Training data (%) | Testing data (%) | Number of Iterations | Accuracy (%) | Number of Hidden layer Neurons |
| 70 | 30 | 20 | 80.0 | 6 |
| 70 | 30 | 30 | 97.77 | 6 |
| 70 | 30 | 10 | 28.6 | 5 |
| 70 | 30 | 10 | 71.11 | 7 |
| 70 | 30 | 20 | 71.11 | 7 |

And vice versa by changing different factors different accuracies can be achieved.