**Result**

1. **Using K-NN**

Using the codes written it was found that the accucay of the test data comes nearly about 100%. But when we did the manual calculation the accuracy came out to be 80%. This may be due to the fixed data set used for the manual calculation whereas codes written used random dataset.

1. **Using Logistic Regression**

Using the codes written it was found that the accucay of the test data comes nearly about 90% and when we did the manual calculation the accuracy came out to be nearly same.