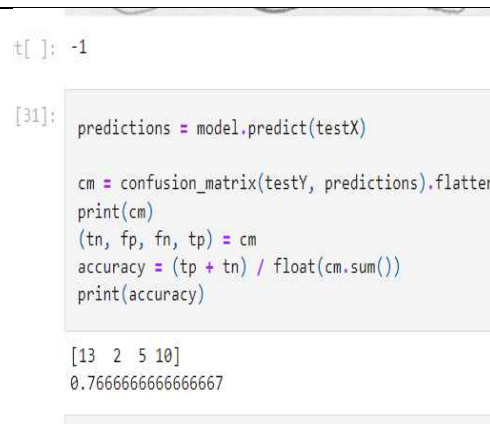
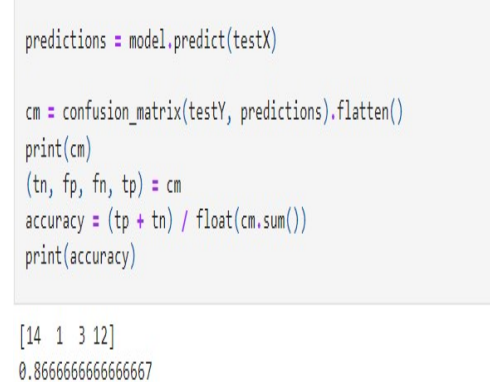


Project Development Phase Model Performance Test

Date	16 November 2022
Team ID	PNT2022TMID27836
Project Name	Detecting Parkinson's Disease using Machine Learning
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	76.666%	 <pre> t[]: -1 [31]: predictions = model.predict(testX) cm = confusion_matrix(testY, predictions).flatten() print(cm) (tn, fp, fn, tp) = cm accuracy = (tp + tn) / float(cm.sum()) print(accuracy) [13 2 5 10] 0.7666666666666667 </pre>
2.	Tune the Model	86.666%	 <pre> predictions = model.predict(testX) cm = confusion_matrix(testY, predictions).flatten() print(cm) (tn, fp, fn, tp) = cm accuracy = (tp + tn) / float(cm.sum()) print(accuracy) [14 1 3 12] 0.8666666666666667 </pre>