Screenshots of results:

A screenshot of a computer

Description automatically generated with medium confidence

**Fig 7. Confusion Matrix of Stacking Classifier**

A screenshot of a computer

Description automatically generated with medium confidence

**Fig 8. Confusion Matrix of Voting Classifier**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Fig 9 Confusion Matrix of Bagging Classifier**

In conclusion, The StackingClassifier achieved an accuracy of 0.8349, while the VotingClassifier and BaggingClassifier achieved accuracies of 0.8157 and 0.8189, respectively. These results indicate the effectiveness of ensemble learning in enhancing the performance of the classification model.