**Fall 2023: CS5720**

**Neural Networks & Deep Learning - ICP-5**

**Ajju nikhila**

**700742196**

1. **Implement Naïve Bayes method using scikit-learn library Use dataset available with name glass Use train\_test\_split to create training and testing part Evaluate the model on test part using score and classification\_report(y\_true, y\_pred).**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

1. **Implement linear SVM method using scikit library Use the same dataset above Use train\_test\_split to create training and testing part Evaluate the model on test part using score and classification\_report(y\_true, y\_pred) Which algorithm you got better accuracy? Can you justify why?**

**A screenshot of a computer

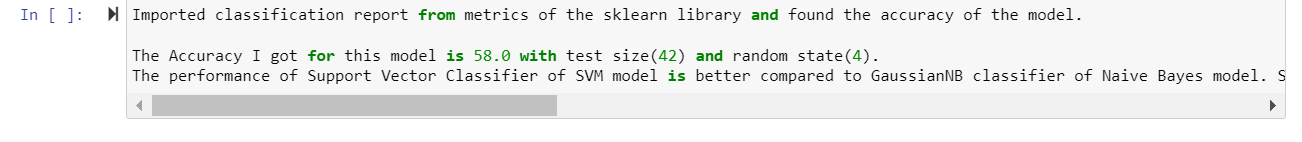
Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

****