

## **Max Kaiser – CA04 Answers**

### **Answer the following questions:**

#### **1. Write your observations about the Classifier's behavior with respect to the number of estimators**

The results suggest that accuracy is going down with a higher number of estimators. The highest accuracy in the first model was achieved where # of estimators was 8.

The second model had the best accuracy score at 50.

#### **2. Is there an optimal value of the estimator within the given range?**

The optimal value for the range of the estimator within the given range is 8 (model 1) & 50 (model 2).