**EXPERIMENT 9**

**TITLE**:-SVM for heart Disease Prediction(Classification) with Standard Scaling(Accuracy Comparison)

**AIM**:-SVM for heart Disease Prediction

**PROCEDURE**:-

1. Import Pandas, numpy, matplotlib, Standard Scaler or Minmax Scaler libraries respectively.
2. Load heart disease dataset.
3. Convert this numpy array.
4. Fill missing values if any.
5. Apply LabelEncoder.
6. Split Independent and Target values using traintestsplit.
7. Apply SVM on training set.
8. Check the accuracy score.
9. Use standard scaler.
10. Split Independent and Target values using traintestsplit.
11. Apply SVM on training set.
12. Check the accuracy score.
13. Here we can observe that accuracy increases after applying standard scaler.

**Results :**

**Accuracy :-**

