**NAME:- MUBASHIR**

**ROLL NO:- SU92-BAIFM-F24-001**

Lab 2: Titanic Kaggle Competion

HOW:-

This code uses the Backtracking.

* Train and Test Data is provided by Kaggle.
* First I Preprocess the Train Data and Handle all missing values
* Then I did feature selection means which column should X and which column should be Y.
* Then I Preprocess the Test Data and perform all same operation as train data.
* Then I train my ML Model using Random Forest Algorithm because on Binary Classification Problems Random Forest Acts Well.
* Then I Create a Submission File and Submit it in Kaggle.

Accuracy:-

My Accuracy is 79%

Screenshot:-

