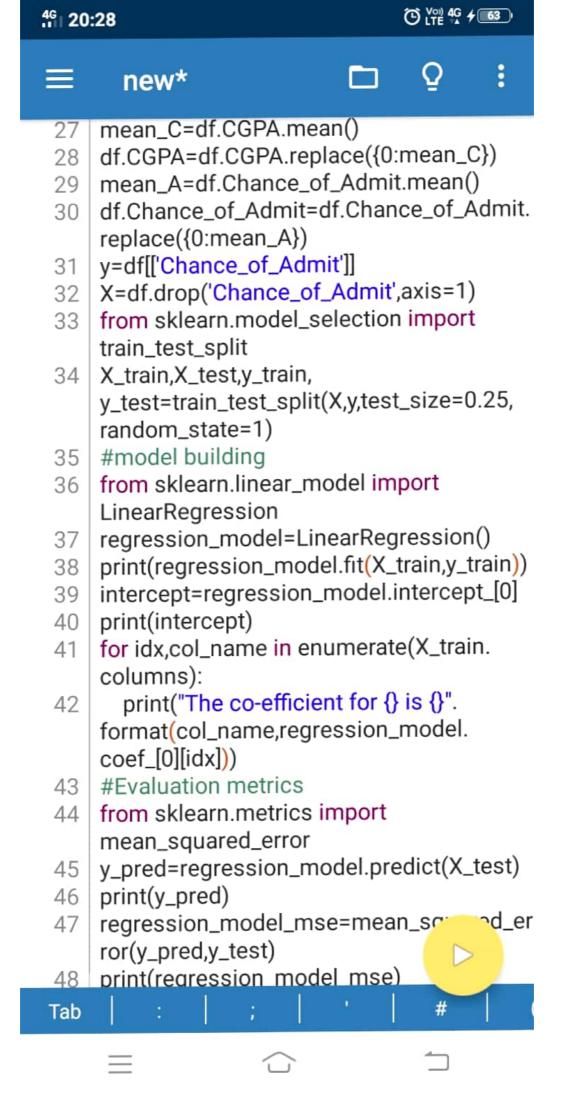
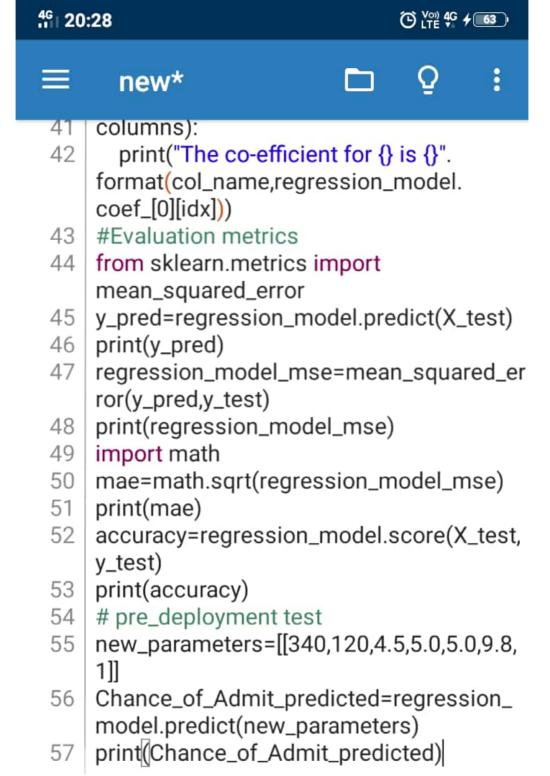
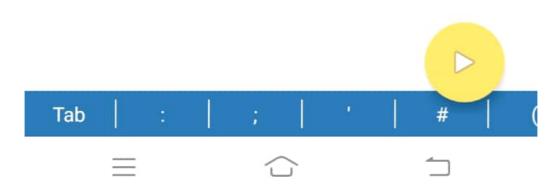


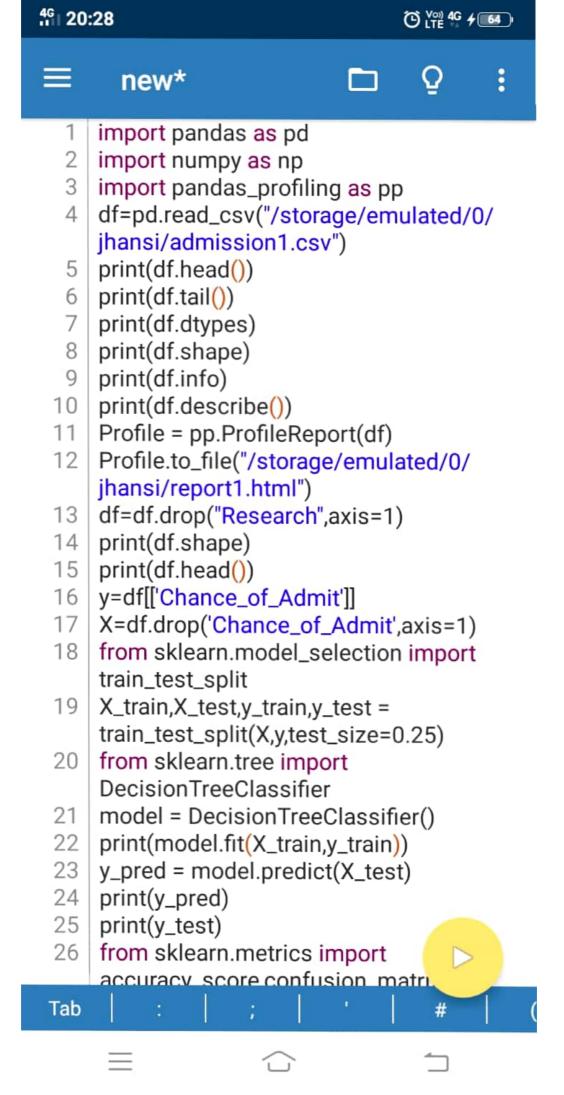


```
1
    #Linear Regression
 2
    import pandas as pd
 3
    import numpy as np
    import pandas_profiling as pp
 4
    df=pd.read_csv("/storage/emulated/0/
 5
    pinky/admission1.csv")
    print(df.head())
 6
 7
    print(df.tail())
 8
    print(df.dtypes)
 9
    print(df.shape)
    print(df.info)
10
    print(df.describe())
11
    Profile = pp.ProfileReport(df)
12
    Profile.to_file("/storage/emulated/0/pinky/
13
    report1.html")
    df=df.drop("Research",axis=1)
14
    print(df.shape)
15
    print(df.head())
16
17
    mean_G=df.GRE_Score.mean()
    df.GRE_Score=df.GRE_Score.
18
    replace({0:mean_G})
    mean_T=df.TOEFL_Score.mean()
19
    df.TOEFL_Score=df.TOEFL_Score.
20
    replace({0:mean_T})
21
    mean_U=df.University_Rating.mean()
    df.University_Rating=df.University_Rating.
22
    replace({0:mean_T})
    mean_S=df.SOP.mean()
23
    df.SOP=df.SOP.replace({0:mean_S})
24
25
    mean_L=df.LOR.mean()
    df.LOR=df.LOR.replace({0:mean
26
27
    mean C=df CGPA mean()
Tab
```









- y\_test)
  28 | acc\_score = accuracy\_score(y\_pred, y\_test)
- 29 print(conf\_mat)
- 30 print(acc\_score)
- 31 new\_parameters=[[340,120,4.5,5.0,5.0,9.8, 1]]
- 32 Chance\_of\_Admit\_predicted=model. predict(new\_parameters)
- 33 print(Chance\_of\_Admit\_predicted)

