- TV SHOW POPULARITY ANALYSIS: (project name)

LovelyProfessionalUniversity

Regno:11811094

Name:Pardhasaradhi

Regno:1180461

Name:AtulRishu

Regno:11811930

NameName:SaiBabuKolli

Regno:11804181

NameName:VijayKumarReddy

Code written By A.pardhasaradhi(55)

(Using Python)

CODE:

```
import pandas as pd import
numpy as np import tkinter
import matplotlib.pyplot as plt
from tkinter import * top =
tkinter.Tk()
L1 = Label(top, text="TV Show Popularity")
L1.pack( side = TOP)
C = tkinter.Canvas(top, height=150, width=900)

def bargraph1(ynt,yne,ype):
   x=np.arange(3)
y=ynt
```

```
   y1=yne     y2=ype     width = 0.4     plt.xticks(x,["Bigboss","MTV
Roadies","India's Got Talent"])     plt.bar(x-0.20,y,width,color='red',label =
"negative review")     plt.bar(x,y1,width,color='blue',label = "neutral review" )
plt.bar(x,y2,width,color='yellow',label = "positive review", align = 'edge' )
plt.title('Bar Graph')     plt.ylabel('Y AXIS')     plt.xlabel('X AXIS')     plt.legend()
plt.show()




def filec():
   df=pd.read_csv("Book.csv")     a=df['bigboss'].values     b=df['roadies'].values
c=df['IGT'].values     negative=['pathetic','boring','worse','worst','maniac','bad','underrated','1
star']     neutral=['average','nice','fine','good','worth it','not
bad','good','better','medioker','likely']
   positive=['5 star','overrated', 'awesome', 'too good','glorius', 'good one',
'dominating','excellent','best','brilliant','awesome','great','exciting']
asum=0     bsum=0     csum=0
   a1count=0     a2count=0
a3count=0     b1count=0
b2count=0     b3count=0
c1count=0     c2count=0
c3count=0     for i in
range(1,12):         for j in
range(0,7):             if
a[i]==negative[j]:
asum=asum-10
```

```
a1count=a1count+1     for i in
range(1,12):        for j in
range(0,9):           if
a[i]==neutral[j]:
asum=asum+5
a2count=a2count+1     for i in
range(1,12):        for j in
range(0,12):           if
a[i]==positive[j]:
asum=asum+10
a3count=a3count+1



   for i in range(1,12):
for j in range(0,7):
if b[i]==negative[j]:
bsum=bsum-10
b1count=b1count+1
for i in range(1,12):
for j in range(0,9):
if b[i]==neutral[j]:
bsum=bsum+5
b2count=b2count+1
for i in range(1,12):
for j in range(0,12):
if b[i]==positive[j]:
```

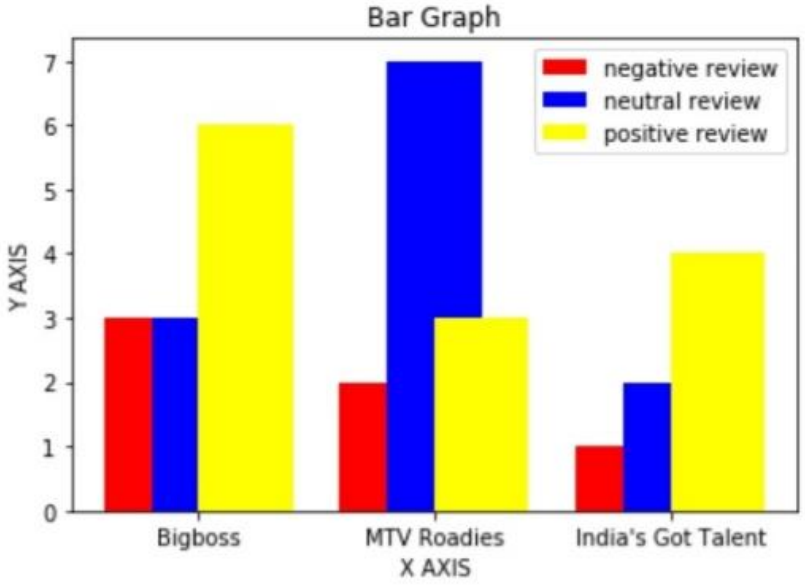
```
bsum=bsum+10
b3count=b3count+1


   for i in range(1,12):
for j in range(0,7):           if
c[i]==negative[j]:
csum=csum-10
c1count=c1count+1     for i
in range(1,12):        for j in
range(0,9):           if
c[i]==neutral[j]:
csum=csum+5
c2count=c2count+1     for i
in range(1,12):        for j in
range(0,12):           if
c[i]==positive[j]:
csum=csum+10
c3count=c3count+1


   negl=[a1count,b1count,c1count]
neul=[a2count,b2count,c2count]     posl=[a3count,b3count,c3count]


   if asum>bsum&csum:
      print("According to  the data Bigboss is the best reviewed show")
elif bsum>asum&csum:
      print("According to  the data MTV Roadies is the best reviewed show")
   else:
```

```
      print("According to  the data India's Got Talent is the best reviewed show")


   bargraph1(negl,neul,posl)



frame = Frame(top) frame.pack()

bottomframe = Frame(top) bottomframe.pack(
side = BOTTOM )


blackbutton = Button(bottomframe, height= 8, width=20, text="Show Popularity", fg="black")
blackbutton['command']=filec blackbutton.pack( side = BOTTOM )


mb=  Menubutton ( top, text="All TV Shows ", relief=RAISED , height = 5 , width = 30 )

mb.menu  =  Menu ( mb, tearoff = 0 ) mb["menu"]
=  mb.menu

bb  = IntVar()
mt  =  IntVar()
ig = IntVar()

mb.menu.add_checkbutton ( label="Bigg Boss",
                    variable=bb )
mb.menu.add_checkbutton ( label="MTV Roadies",
```

```
=mt )
mb.menu.add_checkbutton ( label="India's Got Talent",
                    variable=ig )

mb.pack() C.pack()
top.mainloop()
```

Output:

According to the data Bigboss is the best reviewed show



In [ ]: