

GUI - BASED CAREER COUNSELING

END TERM PROJECT REPORT

by

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2019-2020

STUDENT DECLARATION

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ABSTRACT

Career counselling subject is a extremely large and wide ranging concept, so as to implement this task there are several number of factors must be thought of. It is important for an individual to be a told a way to manage ones career .as it has been told that career is a womb-to-tomb objective, a career ought to never return to a halt. For example, an individual is an coach and has chosen the coaching career, therefore, the management of the coaching career centres upon improvement of the abilities like having efficient information of the subject that he is coaching, smart communication skills, acceptable behavioural traits, correct coaching strategies, regular attending and efficient formulation of curriculum and tutorial methodologies. In any type of profession, field or job, it is required to enhance career management skills, hence the several areas that should be taken into account .

INTRODUCTION

Career development is a lifelong method that, whether you recognize it or not, truly started after you were born! There are a several number of things that influence your career development as well as your interests, abilities, values, personal qualities, background, and circumstances. Counselling is a one of the method that will assist you to understand and know yourself and also the world of work in order to make career, educational, and life decisions.

The main objective of this project to help individual ones regarding their career. this project will helpful with –

1.Choosing the right career

For people who notice it difficult to understand the appropriate career meant for them; a career guidance helps them resolve this confusion. There are infinite career choices available to select from, and without an proper guidance, one would possible stick to a few that his/her friends or relatives ask him to pursue.

2.Focused career route etc.

A risk-averse student usually keeps a few career choices available for him/herself. whereas it is not a bad route to follow, several students fall prey to career confusion. Their focus gets shifted, and as a result, they find themselves not acting up to their potential. A career guidance helps a student decide the career route and helps him/her clear the confusion and distractions coming along the way.

The students will be benefited from this project

1.studying in10th

Setting the fundamentals right solves a lots of confusions that may arise later. Whether or not is selecting the right stream to the right board, and mapping career goals, a right begin at the proper time makes all the difference.

2.studying in 9th

One chooses one's stream out of the four doable choices (non-medical, medical, humanities, commerce), but the career choices possible for a student to select for are more than hundreds.

METHODOLOGY

Breadth First Search

There are many ways to traverse graphs. BFS is the most ordinarily used approach.

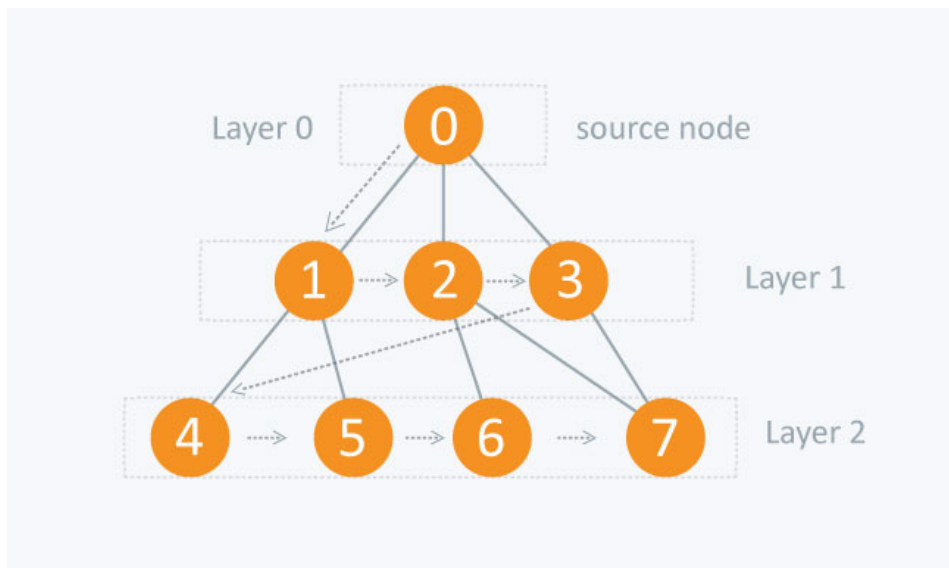
BFS is a traversing algorithm where you must begin traversing from a specific selected node (source or beginning node) and traverse the graph layer wise therefore exploring the neighbour nodes (nodes which are directly connected to source node). You need then move towards the next-level neighbour nodes.

As the name BFS suggests, its required to traverse the graph breadthwise as follows:

First move horizontally and visit all the nodes of the present layer

Move to the succeeding layer

Consider the subsequent diagram.



The distance between the nodes in layer one is comparatively lesser than the gap between the nodes in layer two. Therefore, in BFS, you need to traverse all the nodes in layer one before you visit to the nodes in layer two.

Codes:-

Code_1:-

```
from tkinter import *

import random

from db import *

from main_page import *

from tkinter import messagebox

def captcha_generator():

    capta=[]

    j=0

    for i in range(0,5):

        x=random.randint(69,122)

        d=chr(x)

        if d.isalpha()==False:

            capta.insert(i,str(i))

        else:

            capta.insert(i,d)

        j+=1

    #print(capta)

    chaptal="".join(capta)

    return(chaptal)

def login():

    top=Tk()

    def sinup1():

        top.destroy()

        sinup()

    def login1():
```

```

x=E1.get()

y=E2.get()

if(x=="" or y==""):

    L3.config(text="Plese enter all values")

else:

    k=check_login(x,y)

    if k==True:

        top.destroy()

        mains_page()

    else:

        b=messagebox.showwarning("Warning","INVALID EMAIL or PASSWORD")

```

```

top.title("QUIZ")

photo = PhotoImage(file = 'abc.png')

photo = photo.subsample(5)

lbl = Label(top,image = photo)

lbl.image = photo

lbl.grid(row=0,column=0, columnspan=8,rowspan=10)

#rest labels

L1=Label(top,text="EMAIL :",font = ( "bold" , 14 , ))

L1.grid(row=12,column=1, columnspan=3)

E1=Entry(top,bd=5)

E1.grid(row=12,column=4,columnspan=3)

L9=Label(top)

L9.grid(row=13,column=0)

L2=Label(top,text="PASSWORD :",font = ( "bold" , 14 , ))

L2.grid(row=14,column=1,columnspan=3)

```



```
E2=Entry(top,bd=5)
```

```
E2.grid(row=14,column=4,columnspan=3)
```

```
L3=Label(top,bd=5)
```

```
L3.grid(row=15,column=3)
```

```
B1=Button(top,text="LOGIN",bg="green",fg="white",command=login1)
```

```
B1.grid(row=16,column=3)
```

```
B2=Button(top,text="SIGN UP",bg="green",fg="white",command=sinup1)
```

```
B2.grid(row=16,column=4)
```

```
L8=Label(top,pady=5)
```

```
L8.grid(row=17,column=0)
```

```
top.mainloop()
```

```
def sinup():
```

```
    sin=Tk()
```

```
    captchs=captcha_generator()
```

```
    def go_back():
```

```
        name = E0.get()
```

```
        email= E1.get()
```

```
        cap=E3.get()
```

```
        password = E2.get()
```

```
        if cap!=captchs:
```

```
            b=messagebox.showwarning("Warning","INVALID CHAPTA")
```

```
        elif name!=" and email!=" and password!=":
```

```
            insert_into_db(name,email,password)
```

```
            sin.destroy()
```

```
            login()
```

```
sin.title("SIGN UP")
```

```
photo1=PhotoImage(file="Reg-online.png")
```

```
photo1=photo1.subsample(2)

lan=Label(sin,image=photo1)

lan.image=photo1

lan.grid(row=0,column=0,rowspan=5,columnspan=8)

#labels start from here

lost=Label(sin,padx=10,pady=10)

lost.grid(row=6,column=0)

L0=Label(sin,text="NAME : ",font=("bold",14,))

L0.grid(row=7,column=3)

E0=Entry(sin,bd=5)

E0.grid(row=7,column=4)

L1=Label(sin,text="EMAIL :",font=("bold",14,))

L1.grid(row=8,column=3)

E1=Entry(sin,bd=5)

E1.grid(row=8,column=4)

L2=Label(sin,text="PASSWORD :",font=("bold",14,))

L2.grid(row=9,column=3)

E2=Entry(sin,bd=5)

E2.grid(row=9,column=4)

L3=Label(sin,text="CAPTCHA : ",font=("bold",14,))

L3.grid(row=10,column=3)

L4=Label(sin,text=captchs,bg="grey",padx=20,pady=6,font=("bold",14,))

L4.grid(row=10,column=4)

#buttons

L5=Label(sin,text="ENTER CAPTCHA:",font=("bold",14,))

L5.grid(row=11,column=3)

E3=Entry(sin,bd=5)

E3.grid(row=11,column=4)

B1=Button(sin,text="SIGN UP",bg="green",fg="white",command=go_back)
```

```
B1.grid(row=12,column=3)
```

```
#comparing capta
```

```
sin.mainloop()
```

```
login()
```

Code _2:-

```
from tkinter import *
```

```
from result_1 import *
```

```
def mains_page():
```

```
    questions= [
```

```
        ["How is your computer skill ?",
```

```
        "POOR",
```

```
        "GOOD",
```

```
        "EXCELENT",
```

```
        "OUTSTANDING"
```

```
    ],
```

```
        ["How is your Chemistry skill?",
```

```
        "POOR",
```

```
        "GOOD",
```

```
        "EXCELENT",
```

```
        "OUTSTANDING"
```

```
    ],
```

```
        ["How is your Maths skill ?",
```

```
        "POOR",
```

```
        "GOOD",
```

```
        "EXCELENT",
```

```
        "OUTSTANDING"],
```

```
        ["How is your Regional Language Skill?",
```

```
        "POOR",
```

```
        "GOOD",
```

```
        "EXCELENT",
```

```
        "OUTSTANDING"],
```

```
        ["How good are you in History ?",
```

```
        "POOR",
```

```
        "GOOD",
```

```
        "EXCELENT",
```

"OUTSTANDING"],
["How good are you in Civics?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How good are you in economics?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How is your geography skill?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How are you in sports?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How is you Art and Craft skill?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How good are you at Speaking Skill?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How is you Leadership Quality?" ,
"POOR",
"GOOD",
"EXCELENT",
"OUTSTANDING"],
[
"How good are you with Current affairs?" ,
"POOR",

```

        "GOOD",
        "EXCELENT",
        "OUTSTANDING"],
    [
        "How is your biology skill?" ,
        "POOR",
        "GOOD",
        "EXCELENT",
        "OUTSTANDING"],
    [
        "How is your Physics skill?" ,
        "POOR",
        "GOOD",
        "EXCELENT",
        "OUTSTANDING"]]

global i
i=0

arr=["computer","che","maths","reg_lang","history","civics","economics","grogrophy","sports","a&c","spacking","leadershi
p","current_aff","bio","physics"]

global data
data={}

def show_question(x):

    def get_i():
        return(i)

    def feed():
        value=v.get()
        data[arr[x]]=int(value)
        #print(data)
        root.destroy()

    root=Tk()
    root.title("DETAILS")
    L1=Label(root,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=150)
    L1.grid(row=0,column=0)

    L2=Label(root,pady=7)
    L2.grid(row=1,column=0)
    photo = PhotoImage(file = 'abc1.png')
    photo = photo.subsample(2)
    lbl = Label(root,image = photo)
    lbl.image = photo

```

```
lbl.grid(row=2,column=0, columnspan=8)
```

```
L4=Label(root,text="")
```

```
L4.grid(row=3,column=0)
```

```
L5=Label(root,text="QUESTION --->",bg="yellow",fg="black",font=("bold",18,))
```

```
L5.grid(row=4,column=0)
```

```
L6=Label(root,text="",padx=8)
```

```
L6.grid(row=5,column=0)
```

```
L7=Label(text=questions[x][0],font=("bold",14,))
```

```
L7.grid(row=6,column=0)
```

```
L8=Label(root,pady=10)
```

```
L8.grid(row=7,column=0)
```

```
#radio button
```

```
v=StringVar()
```

```
R1=Radiobutton(root,text=questions[x][1],variable=v,value="1",font=("bold",12,),pady=6)
```

```
R1.grid(row=8,column=0)
```

```
R2=Radiobutton(root,text=questions[x][2],variable=v,value="2",font=("bold",12,),pady=6)
```

```
R2.grid(row=9,column=0)
```

```
R3=Radiobutton(root,text=questions[x][3],variable=v,value="3",font=("bold",12,),pady=6)
```

```
R3.grid(row=10,column=0)
```

```
R4=Radiobutton(root,text=questions[x][4],variable=v,value="4",font=("bold",12,),pady=6)
```

```
R4.grid(row=11,column=0)
```

```
L9=Label(root)
```

```
L9.grid(row=12,column=0)
```

```
#Button
```

```
B1=Button(root,text="Next->Question",font=("bold",14,),pady=8,bg="red",fg="white",command=feed)
```

```
B1.grid(row=13,column=0)
```

```
root.mainloop()
```

```
#show_question(0)
```

```
for i in range(0,len(questions)):
```

```
    show_question(i)
```

```
    #print("ayush")
```

```

else:
    result_1(data)
    #print(data)

#mains_page()

```

Code_3:-

```

from tkinter import *
import matplotlib.pyplot as plt
from result_2 import *
global maths
global bio
global comerse
global arts
global arr
global ddd
def result_1(data1):
    ddd=data1

    print("ayush")

    maths=data1["maths"]+data1["che"]+data1["physics"]
    maths=maths/3
    #arr.append(maths)
    #print(maths)
    bio=data1["bio"]+data1["che"]+data1["physics"]
    bio=bio/3
    #arr.append(bio)
    #print(bio)
    comerse=data1["civics"]+data1["economics"]+data1["maths"]
    comerse=comerse/3
    #arr.append(comerse)
    #print(comerse)
    arts=data1["civics"]+data1["history"]+data1["grography"]
    arts=arts/3
    #arr.append(arts)
    #print(arts)
    #print(arr)

res = Tk()
L1 = Label(res, text="***RESULT***", bg="green", fg="white", font=("bold", 30,), padx=180, pady=5)

```

```

L1.pack()
# blank_label
L2 = Label(res)
L2.pack()
x = ("HELLO !!!!! According to your preferences this is your score chart---> ")
L3=Label(res, text=x, font=("bold", 14,), pady=5)
L3.pack()
L4 = Label(res)
L4.pack()
def goHome():
    res.destroy()
    #print("poornima")
    result_2(ddd)

from matplotlib.backends.backend_tkagg import (FigureCanvasTkAgg, NavigationToolbar2Tk)
from matplotlib.backend_bases import key_press_handler
from matplotlib.figure import Figure

import numpy as np

fig = Figure(figsize=(5, 4), dpi=100)
labels = ['MATHS','BIOLOGY','COMERSE','ARTS']
sizes = [maths,bio,comerse,arts]
#explode = (0.1,0)
fig.add_subplot(111).pie(sizes, labels=labels, autopct='%1.1f%%',shadow=True, startangle=0)

canvas = FigureCanvasTkAgg(fig, master=res) # A tk.DrawingArea.
canvas.draw()
canvas.get_tk_widget().pack(side=TOP, fill=BOTH, expand=1)

b23=Button(text="final_result->",command=goHome,fg="white", bg="black")
b23.pack()

res.mainloop()

```

Code_4:-

```

from tkinter import *
def math_comerse(choice1,choice2,dat):

    global ddd
    ddd=dat
    dis2=Tk()
    def next_display():

```



```

dis2.destroy()
dis3=Tk()
def End():
    dis3.destroy()

dis3.title("result")
L1=Label(dis3,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
L1.grid(row=0,column=0)

L2=Label(dis3,pady=7)
L2.grid(row=1,column=0)

photo = PhotoImage(file = 'index.png')
photo = photo.subsample(1)
Lbl = Label(dis3,image = photo)
Lbl.image = photo
Lbl.grid(row=2,column=0, columnspan=8)
L4=Label(dis3,text="")
L4.grid(row=3,column=0)
x="** If you go for '"+COMERSE"+"' **"
L5=Label(dis3,text=x,bg="yellow",fg="black",font=("bold",18,))
L5.grid(row=4,column=0)

L6=Label(dis3,pady=10)
L6.grid(row=5,column=0)

L7=Label(dis3,text="If you go for '"+COMERSE"+"' then you can go for these jobs --
>",bg="red",fg="white",font=("bold",20,))
L7.grid(row=6,column=0)
L8=Label(dis3,pady=10)
L8.grid(row=7,column=0)

#jobs

L9=Label(dis3,text="-->> Financial Analysise ",font=("bold",15,))
L9.grid(row=9,column=0)
L10=Label(dis3,text="-->> Investmnt Manager",font=("bold",15,))
L10.grid(row=10,column=0)
L11=Label(dis3,text="-->> Management Consultant ",font=("bold",15,))
L11.grid(row=11,column=0)
L12=Label(dis3,text="-->> Human Resource Manager(HR)",font=("bold",15,))
L12.grid(row=12,column=0)
L13=Label(dis3,text="-->> Auditor",font=("bold",15,))
L13.grid(row=13,column=0)
L14=Label(dis3,text="-->> Accountant",font=("bold",15,))

```

```

L14.grid(row=14,column=0)
L15=Label(dis3,text="-->> Marcating",font=("bold",15,))
L15.grid(row=15,column=0)

L16=Label(dis3,pady=15)
L16.grid(row=16,column=0)

B1=Button(dis3,text="End",font=("bold",15,),bg="black",fg="white",command=End)
B1.grid(row=17,column=0)

```

```

dis2.title("result")
L1=Label(dis2,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
L1.grid(row=0,column=0)

```

```

L2=Label(dis2,pady=7)
L2.grid(row=1,column=0)

```

```

photo = PhotoImage(file = 'index.png')
photo = photo.subsample(1)
lbl = Label(dis2,image = photo)
lbl.image = photo
lbl.grid(row=2,column=0, columnspan=8)

```

```

L4=Label(dis2,text="")
L4.grid(row=3,column=0)
x="** Acoording to Your our analysis  you are good in both '"+choice1+"' and '"+choice2+"' **"
L5=Label(dis2,text=x,bg="yellow",fg="black",font=("bold",18,))
L5.grid(row=4,column=0)

```

```

L6=Label(dis2,pady=10)
L6.grid(row=5,column=0)

```

```

L7=Label(dis2,text="If you go for '"+choice1+"' then you can go for these jobs --
>",bg="red",fg="white",font=("bold",20,))
L7.grid(row=6,column=0)
L8=Label(dis2,pady=10)
L8.grid(row=7,column=0)

```

```

if ddd["computer"]>2:
    #print(data1["computer"])
    L9=Label(dis2,text="--> Data Analyst ",font=("bold",15,))
    L9.grid(row=9,column=0)
    L10=Label(dis2,text="--> Data Administrator ",font=("bold",15,))

```

```

L10.grid(row=10,column=0)
L11=Label(dis2,text="--> Full Stack Web Developer",font=("bold",15,))
L11.grid(row=11,column=0)
L12=Label(dis2,text="--> Cyber Secruity",font=("bold",15,))
L12.grid(row=12,column=0)
L13=Label(dis2,text="--> Sofr Ware Enginner",font=("bold",15,))
L13.grid(row=13,column=0)
L14=Label(dis2,text="--> Machine Learning",font=("bold",15,))
L14.grid(row=14,column=0)
else:
    L9=Label(dis2,text="-->> Chemical Enginner",font=("bold",15,))
    L9.grid(row=9,column=0)
    L10=Label(dis2,text="-->> Mecanical Enginner",font=("bold",15,))
    L10.grid(row=10,column=0)
    L11=Label(dis2,text="-->> Civil Enginner",font=("bold",15,))
    L11.grid(row=11,column=0)
    L12=Label(dis2,text="-->> Architect",font=("bold",15,))
    L12.grid(row=12,column=0)
    L13=Label(dis2,text="-->> Aavy,Army,AirForce",font=("bold",15,))
    L13.grid(row=13,column=0)

L14=Label(dis2,pady=15)
L14.grid(row=14,column=0)

B1=Button(dis2,text="Next",font=("bold",15,),bg="black",fg="white",command=next_display)
B1.grid(row=15,column=0)

```

Code_5:-

```

from tkinter import *
from math_comerse import *
from maths_arts import *
from bio_comerse import *
global maths
global bio
global comerse
global arts
global arr
arr=[]
global i
def result_2(data1):

```

```

def display1(choise):
    dis1=Tk()
    dis1.title("result")
    L1=Label(dis1,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
    L1.grid(row=0,column=0)

    L2=Label(dis1,pady=7)
    L2.grid(row=1,column=0)

    photo = PhotoImage(file = 'index.png')
    photo = photo.subsample(1)
    lbl = Label(dis1,image = photo)
    lbl.image = photo
    lbl.grid(row=2,column=0, columnspan=8)

    L4=Label(dis1,text="")
    L4.grid(row=3,column=0)
    x="** Acoording to Your our analysis if you choose '"+choise+"' then you can go for these jobs **"
    L5=Label(dis1,text=x,bg="yellow",fg="black",font=("bold",18,))
    L5.grid(row=4,column=0)

    L6=Label(dis1,pady=10)
    L6.grid(row=5,column=0)

    if(choise=="COMERSE"):
        L7=Label(dis1,text=choise+" related jobs are-->",bg="red",fg="white",font=("bold",20,))
        L7.grid(row=6,column=0)
        L8=Label(dis1,pady=10)
        L8.grid(row=7,column=0)

        #jobs

        L9=Label(dis1,text="-->> Financial Analysise ",font=("bold",15,))
        L9.grid(row=9,column=0)
        L10=Label(dis1,text="-->> Investmnt Manager",font=("bold",15,))
        L10.grid(row=10,column=0)
        L11=Label(dis1,text="-->> Management Consultant ",font=("bold",15,))
        L11.grid(row=11,column=0)
        L12=Label(dis1,text="-->> Human Resource Manager(HR)",font=("bold",15,))
        L12.grid(row=12,column=0)
        L13=Label(dis1,text="-->> Auditor",font=("bold",15,))
        L13.grid(row=13,column=0)
        L14=Label(dis1,text="-->> Accountant",font=("bold",15,))
        L14.grid(row=14,column=0)

```

```

L15=Label(dis1,text="-->> Marcating",font=("bold",15,))
L15.grid(row=15,column=0)
elif choise=="MATHS":
    L7=Label(dis1,text=choise+" related jobs are-->",bg="red",fg="white",font=("bold",20,))
    L7.grid(row=6,column=0)
    L8=Label(dis1,pady=10)
    L8.grid(row=7,column=0)

#jobs
if data1["computer"]>2:
    print(data1["computer"])
    L9=Label(dis1,text="--> Data Analyst ",font=("bold",15,))
    L9.grid(row=9,column=0)
    L10=Label(dis1,text="--> Data Administrator ",font=("bold",15,))
    L10.grid(row=10,column=0)
    L11=Label(dis1,text="--> Full Stack Web Developer",font=("bold",15,))
    L11.grid(row=11,column=0)
    L12=Label(dis1,text="--> Cyber Secruity",font=("bold",15,))
    L12.grid(row=12,column=0)
    L13=Label(dis1,text="--> Sofr Ware Enginner",font=("bold",15,))
    L13.grid(row=13,column=0)
    L14=Label(dis1,text="--> Machine Learning",font=("bold",15,))
    L14.grid(row=14,column=0)
else:
    L9=Label(dis1,text="-->> Chemical Enginner",font=("bold",15,))
    L9.grid(row=9,column=0)
    L10=Label(dis1,text="-->> Mecanical Enginner",font=("bold",15,))
    L10.grid(row=10,column=0)
    L11=Label(dis1,text="-->> Civil Enginner",font=("bold",15,))
    L11.grid(row=11,column=0)
    L12=Label(dis1,text="-->> Architect",font=("bold",15,))
    L12.grid(row=12,column=0)
    L13=Label(dis1,text="-->> Aavy,Army,AirForce",font=("bold",15,))
    L13.grid(row=13,column=0)

elif choise=="BIO" :
    L7=Label(dis1,text=choise+" related jobs are-->",bg="red",fg="white",font=("bold",20,))
    L7.grid(row=6,column=0)
    L8=Label(dis1,pady=10)
    L8.grid(row=7,column=0)

#jobs

L9=Label(dis1,text="-->> MBBS",font=("bold",15,))
L9.grid(row=9,column=0)

```

```

L10=Label(dis1,text="-->> Dentist",font=("bold",15,))
L10.grid(row=10,column=0)
L11=Label(dis1,text="-->> Doctor",font=("bold",15,))
L11.grid(row=11,column=0)
L12=Label(dis1,text="-->> Nurse Practitioner",font=("bold",15,))
L12.grid(row=12,column=0)
L13=Label(dis1,text="-->> Pharmasist",font=("bold",15,))
L13.grid(row=13,column=0)
L14=Label(dis1,text="-->> Phychologist",font=("bold",15,))
L14.grid(row=14,column=0)
L15=Label(dis1,text="-->> Surgeon",font=("bold",15,))
L15.grid(row=15,column=0)
elif chose=="ARTS":
    L7=Label(dis1,text=chose+" related jobs are-->",bg="red",fg="white",font=("bold",20,))
    L7.grid(row=6,column=0)
    L8=Label(dis1,pady=10)
    L8.grid(row=7,column=0)

    #jobs

    L9=Label(dis1,text="-->> Layer",font=("bold",12,))
    L9.grid(row=9,column=0)
    L10=Label(dis1,text="-->> Politician",font=("bold",12,))
    L10.grid(row=10,column=0)
    L11=Label(dis1,text="-->> Hotel Management",font=("bold",12,))
    L11.grid(row=11,column=0)
    L12=Label(dis1,text="-->> Fashion Designing",font=("bold",12,))
    L12.grid(row=12,column=0)
    L13=Label(dis1,text="-->> Police,IAS,IPS",font=("bold",12,))
    L13.grid(row=13,column=0)
    L14=Label(dis1,text="-->> Banking",font=("bold",12,))
    L14.grid(row=13,column=0)
    L15=Label(dis1,text="-->> Historian,Geographer",font=("bold",12,))
    L15.grid(row=13,column=0)


dis1.mainloop()

def display2(choice1,choice2):
    dis2=Tk()

```

```

def next_display():
    dis2.destroy()
    dis3=Tk()
    def End():
        dis3.destroy()

    dis3.title("result")
    L1=Label(dis3,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
    L1.grid(row=0,column=0)

    L2=Label(dis3,pady=7)
    L2.grid(row=1,column=0)

    photo = PhotoImage(file = 'index.png')
    photo = photo.subsample(1)
    Lbl = Label(dis3,image = photo)
    Lbl.image = photo
    Lbl.grid(row=2,column=0, columnspan=8)
    L4=Label(dis3,text="")
    L4.grid(row=3,column=0)
    x="** If you go for '"+"BIOLOGY"+"'**"
    L5=Label(dis3,text=x,bg="yellow",fg="black",font=("bold",18,))
    L5.grid(row=4,column=0)

    L6=Label(dis3,pady=10)
    L6.grid(row=5,column=0)

    L7=Label(dis3,text="If you go for '"+choice1+" then you can go for these jobs --
>",bg="red",fg="white",font=("bold",20,))
    L7.grid(row=6,column=0)
    L8=Label(dis3,pady=10)
    L8.grid(row=7,column=0)

    #jobs

    L9=Label(dis3,text="-->> MBBS",font=("bold",15,))
    L9.grid(row=9,column=0)
    L10=Label(dis3,text="-->> Dentist",font=("bold",15,))
    L10.grid(row=10,column=0)
    L11=Label(dis3,text="-->> Doctor",font=("bold",15,))
    L11.grid(row=11,column=0)
    L12=Label(dis3,text="-->> Nurse Practitioner",font=("bold",15,))
    L12.grid(row=12,column=0)
    L13=Label(dis3,text="-->> Pharmasist",font=("bold",15,))
    L13.grid(row=13,column=0)

```

```

L14=Label(dis3,text="-->> Phychologist",font=("bold",15,))
L14.grid(row=14,column=0)
L15=Label(dis3,text="-->> Surgeon",font=("bold",15,))
L15.grid(row=15,column=0)

L16=Label(dis3,pady=15)
L16.grid(row=16,column=0)

B1=Button(dis3,text="End",font=("bold",15,),bg="black",fg="white",command=End)
B1.grid(row=17,column=0)


dis2.title("result")
L1=Label(dis2,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
L1.grid(row=0,column=0)

L2=Label(dis2,pady=7)
L2.grid(row=1,column=0)

photo = PhotoImage(file = 'index.png')
photo = photo.subsample(1)
lbl = Label(dis2,image = photo)
lbl.image = photo
lbl.grid(row=2,column=0, columnspan=8)

L4=Label(dis2,text="")
L4.grid(row=3,column=0)
x="** Acoording to Your our analysis  you are good in both '"+choice1+"' and '"+choice2+"' **"
L5=Label(dis2,text=x,bg="yellow",fg="black",font=("bold",18,))
L5.grid(row=4,column=0)

L6=Label(dis2,pady=10)
L6.grid(row=5,column=0)

L7=Label(dis2,text="If you go for '"+choice1+"' then you can go for these jobs --
>",bg="red",fg="white",font=("bold",20,))
L7.grid(row=6,column=0)
L8=Label(dis2,pady=10)
L8.grid(row=7,column=0)

if data1["computer"]>2:
    print(data1["computer"])
    L9=Label(dis2,text="--> Data Analyst ",font=("bold",15,))
    L9.grid(row=9,column=0)

```



```

L10=Label(dis2,text="--> Data Administrator ",font=("bold",15,))
L10.grid(row=10,column=0)
L11=Label(dis2,text="--> Full Stack Web Developer",font=("bold",15,))
L11.grid(row=11,column=0)
L12=Label(dis2,text="--> Cyber Security",font=("bold",15,))
L12.grid(row=12,column=0)
L13=Label(dis2,text="--> Soft Ware Enginner",font=("bold",15,))
L13.grid(row=13,column=0)
L14=Label(dis2,text="--> Machine Learning",font=("bold",15,))
L14.grid(row=14,column=0)
else:
    L9=Label(dis2,text="-->> Chemical Enginner",font=("bold",15,))
    L9.grid(row=9,column=0)
    L10=Label(dis2,text="-->> Mecanical Enginner",font=("bold",15,))
    L10.grid(row=10,column=0)
    L11=Label(dis2,text="-->> Civil Enginner",font=("bold",15,))
    L11.grid(row=11,column=0)
    L12=Label(dis2,text="-->> Architect",font=("bold",15,))
    L12.grid(row=12,column=0)
    L13=Label(dis2,text="-->> Aavy,Army,AirForce",font=("bold",15,))
    L13.grid(row=13,column=0)

L14=Label(dis2,pady=15)
L14.grid(row=14,column=0)

B1=Button(dis2,text="Next",font=("bold",15,),bg="black",fg="white",command=next_display)
B1.grid(row=15,column=0)

```

```

maths=data1["maths"]+data1["che"]+data1["physics"]
maths=maths/3
arr.append(maths)
print(maths)
bio=data1["bio"]+data1["che"]+data1["physics"]
bio=bio/3
arr.append(bio)

```

```

print(bio)
comerse=data1["civics"]+data1["economics"]+data1["maths"]
comerse=comerse/3
arr.append(comerse)
print(comerse)
arts=data1["civics"]+data1["history"]+data1["grogrophy"]
arts=arts/3
arr.append(arts)
print(arts)
print(arr)
#set of arr

```

```

set1=set(arr)
if len(set1)==len(arr):
    max1=max(arr)
    i=arr.index(max1)
    #print(i)
    if i==0:
        display1("MATHS")
    elif i==1:
        display1("BIO")
    elif i==2:
        display1("COMERSE")
    elif i==3:
        display1("ARTS")
else:
    if(arr[0]==arr[1]):
        display2("MATHS","BIO")
    elif(arr[0]==arr[2]):
        #print(data1)
        math_comerse("MATHS","COMERSE",data1)
    elif(arr[0]==arr[3]):
        math_arts("MATHS","ARTS",data1)
    elif(arr[1]==arr[2]):
        bio_comerse("BIO","COMERSE",data1)
    else:
        display1("ARTS")

```

```

#result_2({"computer":3,"che":3,"maths":3,"reg_lang":4,"history":4,"civics":4,"economics":4,"grogrophy":4,"sports":3,"a&c":1,"spacking":3,"leadership":4,"current_aff":4,"bio":4,"physics":3})

```

Code_6:-

```

from tkinter import *

def math_arts(choice1,choice2,dat):

    global ddd
    ddd=dat
    dis2=Tk()
    def next_display():
        dis2.destroy()
        dis3=Tk()
        def End():
            dis3.destroy()

        dis3.title("result")
        L1=Label(dis3,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
        L1.grid(row=0,column=0)

        L2=Label(dis3,pady=7)
        L2.grid(row=1,column=0)

        photo = PhotoImage(file = 'index.png')
        photo = photo.subsample(1)
        Lbl = Label(dis3,image = photo)
        Lbl.image = photo
        Lbl.grid(row=2,column=0, columnspan=8)
        L4=Label(dis3,text="")
        L4.grid(row=3,column=0)
        x="** If you go for '"+COMERSE"+"' **"
        L5=Label(dis3,text=x,bg="yellow",fg="black",font=("bold",18,))
        L5.grid(row=4,column=0)

        L6=Label(dis3,pady=10)
        L6.grid(row=5,column=0)

        L7=Label(dis3,text="If you go for '"+ARTS"+"' then you can go for these jobs --
>",bg="red",fg="white",font=("bold",20,))
        L7.grid(row=6,column=0)
        L8=Label(dis3,pady=10)
        L8.grid(row=7,column=0)

        #jobs

        L9=Label(dis3,text="-->> Layer",font=("bold",12,))
        L9.grid(row=9,column=0)
        L10=Label(dis3,text="-->> Politician",font=("bold",12,))
        L10.grid(row=10,column=0)

```

```

L11=Label(dis3,text="-->> Hotel Management",font=("bold",12,))
L11.grid(row=11,column=0)
L12=Label(dis3,text="-->> Fashion Designing",font=("bold",12,))
L12.grid(row=12,column=0)
L13=Label(dis3,text="-->> Police,IAS,IPS",font=("bold",12,))
L13.grid(row=13,column=0)
L14=Label(dis3,text="-->> Banking",font=("bold",12,))
L14.grid(row=13,column=0)
L15=Label(dis3,text="-->> Historian,Geographer",font=("bold",12,))
L15.grid(row=13,column=0)

```

```

L16=Label(dis3,pady=15)
L16.grid(row=16,column=0)

```

```

B1=Button(dis3,text="End",font=("bold",15,),bg="black",fg="white",command=End)
B1.grid(row=17,column=0)

```

```

dis2.title("result")
L1=Label(dis2,text="CAREER COUNSELING SYSTEM ",bg="green",fg="white",font=("bold",30,),padx=15)
L1.grid(row=0,column=0)

```

```

L2=Label(dis2,pady=7)
L2.grid(row=1,column=0)

```

```

photo = PhotoImage(file = 'index.png')
photo = photo.subsample(1)
lbl = Label(dis2,image = photo)
lbl.image = photo
lbl.grid(row=2,column=0, columnspan=8)

```

```

L4=Label(dis2,text="")
L4.grid(row=3,column=0)
x="** Acoording to Your our analysis  you are good in both '"+choice1+"' and '"+choice2+"' **"
L5=Label(dis2,text=x,bg="yellow",fg="black",font=("bold",18,))
L5.grid(row=4,column=0)

```

```

L6=Label(dis2,pady=10)
L6.grid(row=5,column=0)

```

```

L7=Label(dis2,text="If you go for '"+choice1+"' then you can go for these jobs --
>",bg="red",fg="white",font=("bold",20,))
L7.grid(row=6,column=0)
L8=Label(dis2,pady=10)

```

```
L8.grid(row=7,column=0)
```

```
if ddd["computer"]>2:
```

```
    #print(data1["computer"])
```

```
    L9=Label(dis2,text="--> Data Analyst ",font=("bold",15,))
```

```
    L9.grid(row=9,column=0)
```

```
    L10=Label(dis2,text="--> Data Administrator ",font=("bold",15,))
```

```
    L10.grid(row=10,column=0)
```

```
    L11=Label(dis2,text="--> Full Stack Web Devloper",font=("bold",15,))
```

```
    L11.grid(row=11,column=0)
```

```
    L12=Label(dis2,text="--> Cyber Secruity",font=("bold",15,))
```

```
    L12.grid(row=12,column=0)
```

```
    L13=Label(dis2,text="--> Sofr Ware Enginner",font=("bold",15,))
```

```
    L13.grid(row=13,column=0)
```

```
    L14=Label(dis2,text="--> Machine Learning",font=("bold",15,))
```

```
    L14.grid(row=14,column=0)
```

```
else:
```

```
    L9=Label(dis2,text="-->> Chemical Enginner",font=("bold",15,))
```

```
    L9.grid(row=9,column=0)
```

```
    L10=Label(dis2,text="-->> Mecanical Enginner",font=("bold",15,))
```

```
    L10.grid(row=10,column=0)
```

```
    L11=Label(dis2,text="-->> Civil Enginner",font=("bold",15,))
```

```
    L11.grid(row=11,column=0)
```

```
    L12=Label(dis2,text="-->> Architect",font=("bold",15,))
```

```
    L12.grid(row=12,column=0)
```

```
    L13=Label(dis2,text="-->> Aavy,Army,AirForce",font=("bold",15,))
```

```
    L13.grid(row=13,column=0)
```


```
L14=Label(dis2,pady=15)
```

```
L14.grid(row=14,column=0)
```

```
B1=Button(dis2,text="Next",font=("bold",15,),bg="black",fg="white",command=next_display)
```

```
B1.grid(row=15,column=0)
```


RESULT AND DISCUSSION

 QUIZ

—

□

×



**CAREER
CONSULTANT**


Change Begin with us...

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PASSWORD :

1.Login Page-

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Tejasv

EMAIL :

jasvsingh.883@gmail.c

PASSWORD :

Nickayush1@

CAPTCHA :

fxioz

ENTER CAPTCHA:

fxioz

SIGN UP

2.Sign up-

CAREER COUNSELING SYSTEM



QUESTION --->

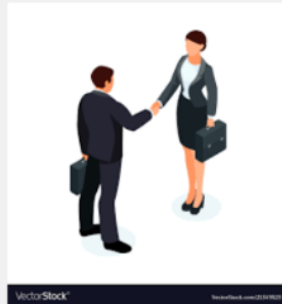
How is your Physics skill?

- ☐ POOR
- ☐ GOOD
- ☐ EXCELENT
- ☐ OUTSTANDING

Next->Question

3.Questionnaire

CAREER COUNSELING SYSTEM

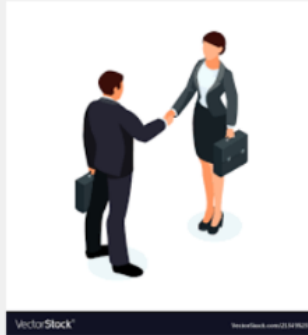


**** According to Your our analysis if you choose 'BIO' then you can go for these jobs ****

BIO related jobs are-->

- > MBBS
- > Dentist
- > Doctor
- > Nurse Practitioner
- > Pharmasist
- > Phychologist
- > Surgeon

CAREER COUNSELING SYSTEM



**** According to Your our analysis you are good in both 'MATHS' and 'ARTS' ****

If you go for 'MATHS' then you can go for these jobs -->

- > Chemical Engineer
- > Mecanical Enginner
- > Civil Enginner
- > Architect
- > Aavy,Army,AirForce

Next

CAREER COUNSELING SYSTEM



**** If you go for 'COMERSE' ****

If you go for 'ARTS' then you can go for these jobs -->

-->> Layer
-->> Politician
-->> Hotel Management
-->> Fashion Designing
-->> Historian, Geographer

End

4. Jobs according to subject expertise-

CONCLUSION

Guidance & counselling enjoys a dominant role in the current days of education system. It helps the students to acquire ability that promote self direction & self-realisation. Guidance & counselling have 3 fold functions specifically adjustmental, orientational and developmental which are required to maintain a healthy climate within the educational sector.

This project suggest the jobs profiles according to interest and expertise in subject, it will help them to choose stream which will avoid confusion about career.

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