import tkinter as tk

import os

root=tk.Tk()

root.geometry('1350x650+0+0')

root.title('result')

root.config(bg='purple')

# creating string variable

sid=tk.StringVar('')

fname=tk.StringVar('')

lname=tk.StringVar('')

std=tk.StringVar('')

stm=tk.StringVar('')

email=tk.StringVar('')

#creating intvar

python=tk.IntVar()

sap=tk.IntVar()

aspnet=tk.IntVar()

java=tk.IntVar()

total=tk.IntVar()

per=tk.IntVar()

grade=tk.StringVar('')

def clear():

ask=tk.messagebox.askyesno('worning','do you want to clear the containts')

if ask>0:

sid.set('')

fname.set('')

lname.set('')

std.set('')

stm.set('')

email.set('')

python.set('')

sap.set('')

aspnet.set('')

java.set('')

total.set('')

per.set('')

grade.set('')

#creating functions for exit button

def close():

sid.set('')

fname.set('')

lname.set('')

std.set('')

stm.set('')

email.set('')

python.set('')

sap.set('')

aspnet.set('')

java.set('')

total.set('')

per.set('')

grade.set('')

def save\_file():

fp=open(f'C:\\Users\\admin\\Result'+'.txt','w')

fp.write(sid.get())

fp.write('\n')

fp.write(fname.get())

fp.write('\n')

fp.write(lname.get())

fp.write('\n')

fp.write(std.get())

fp.write('\n')

fp.write(stm.get())

fp.write('\n')

fp.write(email.get())

fp.write('\n')

fp.write(str(python.get()))

fp.write('\n')

fp.write(str(sap.get()))

fp.write('\n')

fp.write(str(aspnet.get()))

fp.write('\n')

fp.write(str(java.get()))

fp.write('\n')

fp.write(str(total.get()))

fp.write('\n')

fp.write(str(per.get()))

fp.write('\n')

fp.write(grade.get())

tk.messagebox.showinfo('success','file save successfuly')

fp.close()

def save():

files=os.listdir(f'C:\\Users\\admin\\Result')

for file in files:

if file.split('.')[0] == sid.get():

present='yes'

ask=tk.messagebox.askyesno('update','do you really want to update data')

if ask>0:

save\_file()

if present!='yes':

save\_file()

def search():

fp=open(f'C:\\Users\\admin\\Result\{str(sid.get())}'+'.txt','r')

my\_text=fp.read()

info=my\_text.split('\n')

sid.set(info[0])

fname.set(info[1])

lname.set(info[2])

std.set(info[3])

stm.set(info[4])

email.set(info[5])

python.set(info[6])

sap.set(info[7])

aspnet.set(info[8])

java.set(info[9])

total.set(info[10])

per.set(info[11])

grade.set(info[12])

def remove():

present='no'

files=os.listdir(f'C:\\Users\\admin\\Result/')

for file in files:

if file.split('.')[0] == sid.get():

ask=tk.messagebox.askyesno('warning','do you want to remove the existing file')

if ask >0:

os.remove(f'{str(sid.get())}/{file}')

if present!='yes':

tk.messagebox.showinfo('warning','file does not exit')

def calculate():

tot=python.get()+sap.get()+aspnet.get()+java.get()

print(tot)

total.set(tot)

pe=tot/4

per.set(pe)

if pe>=90:

grade.set('O')

elif pe>=70 and pe<=89:

grade.set('A')

elif pe>55 and pe<=69:

grade.set('B')

elif pe>=40 and pe<=54:

grade.set('C')

else:

grade.set('fail')

#creating a top frame

top\_frame=tk.Frame(root,bg='pink')

top\_frame.place(x=5,y=5,width=1330,height=110)

#creating a left frame

left\_frame=tk.Frame(root,bg='yellow')

left\_frame.place(x=5,y=120,width=660,height=410)

#creating a right frame

right\_frame=tk.Frame(root,bg='red')

right\_frame.place(x=670,y=120,width=668,height=410)

#creating a bottom frame

bottom\_frame=tk.Frame(root,bg='black')

bottom\_frame.place(x=5,y=535,width=1330,height=110)

#creating a bottom frame

top\_title=tk.Label(top\_frame,text='\*\*\*=========== RESULT ==========\*\*\*',font=('time new romain',15,'bold'),bg='white',fg='red')

top\_title.pack(pady=40,fill='x')

#creating a left\_frame title

left\_lbl=tk.Label(left\_frame,text='MY INFO',font=('time new romain',12,'bold'),bg='black',fg='white')

left\_lbl.grid(row=1,column=1,padx=10,pady=10)

#creating a left\_frame for lable

roll\_no=tk.Label(left\_frame,text='roll no',font=('time new romain',10,'bold'),bg='black',fg='white')

roll\_no.grid(row=2,column=0,padx=10,pady=10)

first\_name=tk.Label(left\_frame,text='first name',font=('time new romain',10,'bold'),bg='black',fg='white')

first\_name.grid(row=3,column=0,padx=10,pady=10)

last\_name=tk.Label(left\_frame,text='last name',font=('time new romain',10,'bold'),bg='black',fg='white')

last\_name.grid(row=4,column=0,padx=10,pady=10)

class\_lbl=tk.Label(left\_frame,text='class1',font=('time new romain',10,'bold'),bg='black',fg='white')

class\_lbl.grid(row=5,column=0,padx=10,pady=10)

stream=tk.Label(left\_frame,text='stream',font=('time new romain',10,'bold'),bg='black',fg='white')

stream.grid(row=6,column=0,padx=10,pady=10)

email\_lab=tk.Label(left\_frame,text='email',font=('time new romain',10,'bold'),bg='black',fg='white')

email\_lab.grid(row=7,column=0,padx=10,pady=10)

#ctreting a entry box

roll\_no\_e=tk.Entry(left\_frame,font=('time new romain',20,'bold'),textvariable=sid)

roll\_no\_e.grid(row=2,column=1,padx=10,pady=10)

first\_name\_e=tk.Entry(left\_frame,font=('time new romain',20,'bold'),textvariable=fname)

first\_name\_e.grid(row=3,column=1,padx=10,pady=10)

last\_name\_e=tk.Entry(left\_frame,font=('time new romain',20,'bold'),textvariable=lname)

last\_name\_e.grid(row=4,column=1,padx=10,pady=10)

class\_entry=tk.Entry(left\_frame,font=('time new romain',20,'bold'),textvariable=std)

class\_entry.grid(row=5,column=1,padx=10,pady=10)

stream\_e=tk.Entry(left\_frame,font=('time new romain',20,'bold'),textvariable=stm)

stream\_e.grid(row=6,column=1,padx=10,pady=10)

email\_e=tk.Entry(left\_frame,font=('time new romain',20,'bold'),textvariable=email)

email\_e.grid(row=7,column=1,padx=10,pady=10)

#cteating a right title

right\_lbl=tk.Label(right\_frame,text='MARK',font=('time new romain',12,'bold'),bg='black',fg='white')

right\_lbl.grid(row=0,column=1,padx=10,pady=10)

#creating a lable for right

python\_lbl=tk.Label(right\_frame,text='python',font=('time new romain',10,'bold'),bg='black',fg='white')

python\_lbl.grid(row=2,column=0,padx=10,pady=10)

sap\_lbl=tk.Label(right\_frame,text='sap',font=('time new romain',10,'bold'),bg='black',fg='white')

sap\_lbl.grid(row=3,column=0,padx=10,pady=10)

asp\_net\_lbl=tk.Label(right\_frame,text='aspnet',font=('time new romain',10,'bold'),bg='black',fg='white')

asp\_net\_lbl.grid(row=4,column=0,padx=10,pady=10)

java\_lbl=tk.Label(right\_frame,text='java',font=('time new romain',10,'bold'),bg='black',fg='white')

java\_lbl.grid(row=5,column=0,padx=10,pady=10)

total\_lbl=tk.Label(right\_frame,text='total1',font=('time new romain',10,'bold'),bg='black',fg='white')

total\_lbl.grid(row=6,column=0,padx=10,pady=10)

persantage\_lbl=tk.Label(right\_frame,text='percentage',font=('time new romain',10,'bold'),bg='black',fg='white')

persantage\_lbl.grid(row=7,column=0,padx=10,pady=10)

grade\_lbl=tk.Label(right\_frame,text='grade',font=('time new romain',10,'bold'),bg='black',fg='white')

grade\_lbl.grid(row=8,column=0,ipadx=10,pady=10)

python\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=python)

python\_e.grid(row=2,column=1,padx=10,pady=10)

sap\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=sap)

sap\_e.grid(row=3,column=1,padx=10,pady=10)

aspnet\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=aspnet)

aspnet\_e.grid(row=4,column=1,padx=10,pady=10)

java\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=java)

java\_e.grid(row=5,column=1,padx=10,pady=10)

total\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=total)

total\_e.grid(row=6,column=1,padx=10,pady=10)

per\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=per)

per\_e.grid(row=7,column=1,padx=10,pady=10)

grade\_e=tk.Entry(right\_frame,font=('time new romain',18,'bold'),textvariable=grade)

grade\_e.grid(row=8,column=1,padx=10,pady=10)

#creating a button from bottom frame

reset\_b=tk.Button(bottom\_frame,text='reset',font=('time new romain',20,'bold'),bg='white',fg='red',command=close)

reset\_b.pack(side=tk.LEFT,padx=5)

search\_b=tk.Button(bottom\_frame,text='search',font=('time new romain',20,'bold'),bg='white',fg='red',command=search)

search\_b.pack(side=tk.LEFT,padx=5)

save=tk.Button(bottom\_frame,text='save',font=('time new romain',20,'bold'),bg='white',fg='red',command=save)

save.pack(side=tk.LEFT,padx=5)

exit=tk.Button(bottom\_frame,text='exitt',font=('time new romain',20,'bold'),bg='white',fg='red',command=clear)

exit.pack(side=tk.LEFT,padx=5)

remove\_b=tk.Button(bottom\_frame,text='delete',font=('time new romain',20,'bold'),bg='white',fg='red',command=remove)

remove\_b.pack(side=tk.LEFT,padx=5)

calculate\_blb=tk.Button(bottom\_frame,text='calculate',font=('time new romain',20,'bold'),bg='white',fg='red',command=calculate)

calculate\_blb.pack(side=tk.RIGHT,padx=5)

root.mainloop()