**Name :Umang Orpadia**

**Class: Fycs**

**Roll no: F098**

**Topic: Student management system**

**Code:**

import csv

from tkinter import\*

from tkinter import ttk

root=Tk()

root.title("school management system")

root.geometry("800x600")

root.configure(background="powder blue")

l1=Label(text="Username",font="lucida 20 bold",bg="powder blue")

l1.grid(row=0,column=0,padx=10,pady=10)

l2=Label(text="Password",font="lucida 20 bold",bg="powder blue")

l2.grid(row=1,column=0,padx=10,pady=10)

#~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~Entery~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

username=Entry(root,font="lucida 20 bold",bg="powder blue",relief=SUNKEN,bd=10)

username.grid(row=0,column=1,padx=10,pady=10)

password=Entry(root,show="\*",font="lucida 20 bold",bg="powder blue",relief=SUNKEN,bd=10)

password.grid(row=1,column=1,padx=10,pady=10)

#~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~Verify login~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

def verify\_details():

if username.get() == "Umang" and password.get() == "12345":

root.destroy()

manage()

else:

print("Incorrect username or password")

def dis1():

root3 = Tk()

root3.geometry("1100x950+5+5")

root3.title("Displaying record")

f1=Frame(root3,bd=10,relief=GROOVE)

f1.place(x=0,y=0,height=100,width=800)

f2=Frame(root3,bd=10,relief=GROOVE)

f2.place(x=0,y=150,height=500,width=800)

#~~~~~~~~~~~~~~~name,roll no,contact no,dob,emailid

la1=Label(f1,text="displayes records are",font="lucida 30 bold")

la1.pack(fill=BOTH)

he1 = ttk.Treeview(f2, columns=("l1", "l2", "l3", "l4", "l5"))

he1.heading("l1", text="Name")

he1.heading("l2", text="Rollno")

he1.heading("l3", text="D.O.B")

he1.heading("l4", text="Contact")

he1.heading("l5", text="Email")

he1["show"] = "headings"

he1.pack(fill=BOTH, expand=1)

scrollx = ttk.Scrollbar(f2, orient=HORIZONTAL, command=he1.xview)

scrolly = ttk.Scrollbar(f2, orient=VERTICAL, command=he1.yview)

scrollx.pack(side=BOTTOM, fill=X)

scrolly.pack(side=RIGHT, fill=Y)

he1.configure(xscrollcommand=scrollx.set, yscrollcommand=scrolly.set)

with open("saveit.csv", "r") as f:

reader=csv.reader(f)

for i, row in enumerate(reader):

if i == 0:

continue # skip header row

he1.insert("", "end", text=i, values=row)

root3.mainloop()

def manage():

root1=Tk()

root1.geometry("1100x900+10+10")

root1.title("Entery page")

#root1.configure(bg="")

f1=Frame(root1,bd=10,relief=GROOVE)

f1.place(x=0,y=0,width=800,height=400)

f2=Frame(root1,bd=10,relief=GROOVE)

f2.place(x=0,y=450,width=800,height=100)

l1=Label(f1,text='Student name',font="lucida 30 bold")

l1.grid(row=0,column=0)

sname=Entry(f1,font="lucida 30 bold",relief=GROOVE,bd=10)

sname.grid(row=0,column=1)

l2=Label(f1,text='Student Rollno',font="lucida 30 bold")

l2.grid(row=1,column=0)

sroll=Entry(f1,font="lucida 30 bold",relief=GROOVE,bd=10)

sroll.grid(row=1,column=1)

l3=Label(f1,text='Date of Birth',font="lucida 30 bold")

l3.grid(row=2,column=0)

sdob=Entry(f1,font="lucida 30 bold",relief=GROOVE,bd=10)

sdob.grid(row=2,column=1)

l4=Label(f1,text='Contact no',font="lucida 30 bold")

l4.grid(row=3,column=0)

scontact=Entry(f1,font="lucida 30 bold",relief=GROOVE,bd=10)

scontact.grid(row=3,column=1)

l5=Label(f1,text='Email-id',font="lucida 30 bold")

l5.grid(row=4,column=0)

semail=Entry(f1,font="lucida 30 bold",relief=GROOVE,bd=10)

semail.grid(row=4,column=1)

def record():

with open("saveit.csv", "a", newline="") as f:

writer = csv.writer(f)

writer.writerow([sname.get(), sroll.get(), sdob.get(), scontact.get(), semail.get()])

def destroyit():

root1.destroy()

sname.delete(0, END)

sroll.delete(0, END)

btn1=Button(f2,text="Submit",command=record,font="lucida 20 bold",bg="light green",fg="red").grid(row=0,column=0,padx=5)

btn2=Button(f2,text="show record",command=dis1,font="lucida 20 bold",bg="light green",fg="red").grid(row=0,column=1,padx=5)

btn3=Button(f2,text="Close",command=destroyit,font="lucida 20 bold",bg="light green",fg="red").grid(row=0,column=2,padx=5)

root1.mainloop()

#~~~~~~~~~~~~~~~~~~~~~~~~~~~~~Buttons~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

b1=Button(root,text="Login",command=verify\_details,padx=100,font="lucida 20 bold",bg="powder blue",relief=SUNKEN,bd=10)

b1.grid(row=2,column=1,padx=10,pady=10)

root.mainloop()