**CSC**

Online Tutorial System

Using Python GUI

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Aim:

To develop a online tutorial system using GUI application.

Procedure:

STEP 1: To start a program.

STEP 2: Create a login and registration form.

STEP 3: Fill the details in the form , if it is correct, Message box will open.

STEP 4: Fill the details in the Students detail form and Courses detail form.

STEP 5: Conclude the programe.

#Front page

from tkinter import \*

top = Tk()

top.geometry("300x300")

top.title(" Login Page")

Label(text="CSC tutorial", bg="pink",width="30", height="2", font=("Algerian", 24)).pack()

Label(text="").pack()

Label(text="Login Window",width="30", height="2", font=("Algerian", 19)).pack()

Label(text="").pack()

def click():

import loginform

Button(top,text="Login",bg="white",fg="black", height="2", width="30",command=click).pack()

Label(text="").pack()

def reg():

import registration

Button(top,text="Register",bg="white",fg="black",height="2",width="30",command=reg).pack()

top.mainloop()

#login form

from tkinter import \*

from tkinter import messagebox

import mysql.connector

mydb=mysql.connector.connect(host="localhost",user="root",password="root",database="CSCtutorial")

mycursor=mydb.cursor()

top=Tk()

top.title("Login Form")

l=Label(top,text="Login form", width=10,font=("Algerian",20))

l.place(x=60,y=40)

top.geometry("300x300")

t1=StringVar()

t2=IntVar()

uname=Label(top,text="Username",font=("bold",12)).place(x=30,y=90)

password=Label(top,text="Password",font=("bold",12)).place(x=30,y=140)

e1=Entry(top,width=20,textvariable=t1).place(x=130,y=90)

e2=Entry(top,width=20,textvariable=t2).place(x=130,y=140)

def check():

a=str(t1.get())

b=int(t2.get())

sql="select username,password from login where Username='%s' and Password='%d'"%(a,b)

mycursor.execute(sql)

s=mycursor.fetchall()

for row in s:

a1=row[0]

a2=row[1]

if(a==a1 and b==a2):

messagebox.showinfo("Info","Successfully Inserted!!!")

import stuinfo

sub=Button(top,text="Sign in",bg="black",fg="white",command=check).place(x=80,y=200)

sub=Button(top,text="Forget Password",bg="white",fg="black").place(x=140,y=200)

top.mainloop()

#registration from

from tkinter import \*

from tkinter import messagebox

import mysql.connector

mydb=mysql.connector.connect(host="localhost",user="root",password="root",database="CSCtutorial")

top= Tk()

top.geometry("500x500")

top.title('Registration form')

l=Label(top,text="Registration form", width=20,font=("Algerian",24)).place(x=45,y=40)

t1=StringVar()

t2=StringVar()

t3=StringVar()

t4=IntVar()

l =Label(top,text="FullName", width=20,font=("bold",12)).place(x=60,y=110)

e1=Entry(top,textvariable=t1).place(x=240,y=110)

l =Label(top,text="Email", width=20,font=("bold",12)).place(x=65,y=160)

e2=Entry(top,textvariable=t2).place(x=240,y=160)

var=IntVar()

l=Label(top,text="Country",width=20,font=("bold",12)).place(x=70,y=210)

listofcountry=[ 'India', 'America','Srilanka','Australia','Germany','Canada','China','Bangladesh','Malaysia','Italy','Londan','Pakisthan' ]

c=StringVar()

droplist=OptionMenu(top,c, \*listofcountry)

droplist.config(width=20)

c.set('Select your Country')

droplist.place(x=236,y=210)

l=Label(top,text="Language",width=20,font=('bold',12)).place(x=75,y=270)

var1=IntVar()

Checkbutton(top,text="English", variable=var1).place(x=230,y=270)

var2=IntVar()

Checkbutton(top,text="Hindi", variable=var2).place(x=290,y=270)

l=Label(top,text="Username",width=20,font=("bold",12)).place(x=70,y=320)

e3=Entry(top,textvariable=t3).place(x=240,y=320)

l=Label(top,text="Password",width=20,font=("bold",12)).place(x=75,y=370)

e4=Entry(top,textvariable=t4).place(x=240,y=370)

def ins():

a=str(t1.get())

b=str(t2.get())

c=str(t3.,get())

d=int(t4.get())

mycursor=mydb.cursor()

sql="insert into register(Name,Email,Username,Password)values('%s','%s','%s','%d')"%(a,b,c,d)

mycursor.execute(sql)

mydb.commit()

messagebox.showinfo("Info","Successfully inserted!!!")

btn=Button(top, text="Submit" , width=15,bg="black",fg="white",command=ins).place(x=130,y=420)

def click():

import stuinfo

Button(top,text="Next",width=15,bg="white",fg="black",command=click).place(x=270,y=420)

top.mainloop()

#student info form

from tkinter import\*

from tkinter import messagebox

import mysql.connector

mydb=mysql.connector.connect(host="localhost",user="root",password="root",database="CSCtutorial")

top=Tk()

top.geometry("700x600")

top.title('Student Information Form')

l=Label(top,text="Student's Detail Form", width=20,font=("Algerian",28)).place(x=105,y=40)

t1=StringVar()

t2=StringVar()

t3=StringVar()

t4=StringVar()

t5=StringVar()

t6=StringVar()

l=Label(top,text="Student's Name", width=20,font=("bold",12)).place(x=20,y=110)

e1=Entry(top,width=35,textvariable=t1).place(x=190,y=110)

l=Label(top,text="Father's Name", width=20,font=("bold",12)).place(x=20,y=150)

e2=Entry(top,width=35,textvariable=t2).place(x=190,y=150)

l =Label(top,text="Date of Birth", width=20,font=("bold",12)).place(x=20,y=190)

e3=Entry(top,textvariable=t3).place(x=190,y=190)

l =Label(top,text="Gender", width=20,font=("bold",12)).place(x=20,y=230)

V=IntVar()

def hello():

print (V.get())

Radiobutton(top,text="Male",variable=V,value=1,command=hello,font=("bold",12)).place(x=190,y=230)

Radiobutton(top,text="Female",variable=V,value=2,command=hello,font=("bold",12)).place(x=260,y=230)

Radiobutton(top,text="Others",variable=V,value=3,command=hello,font=("bold",12)).place(x=350,y=230)

l =Label(top,text="Address", width=20,font=("bold",12)).place(x=20,y=270)

e4=Entry(top,width=50,textvariable=t4).place(x=190,y=270)

var=IntVar()

l=Label(top,text="Country",width=20,font=("bold",12)).place(x=20,y=315)

list\_of\_country=['India', 'America','Srilanka','Australia','Germany','Canada','China','Bangladesh','Malaysia','Italy','Londan','Pakisthan' ]

c=StringVar()

droplist=OptionMenu(top,c, \*list\_of\_country)

droplist.config(width=20)

c.set('Select your Country')

droplist.place(x=190,y=315)

l =Label(top,text="Mobile No.", width=20,font=("bold",12)).place(x=20,y=375)

e5=Entry(top,textvariable=t5).place(x=190,y=375)

l=Label(top,text="Mail ID", width=20,font=("bold",12)).place(x=20,y=425)

e6=Entry(top,width=35,textvariable=t6).place(x=190,y=425)

l =Label(top,text="I hereby declare that the above mentioned information are true\n and correct to the best of my knowledge",font=("Elephant",12))

l.place(x=100,y=480)

def ins():

a=str(t1.get())

b=str(t2.get())

c=str(t3.et())

d=str(t4.get())

e=str(t5.get())

f=str(t6.get())

mycursor=mydb.cursor()

sql="insert into studentinfo(studentsname,Fathersname,Dateofbirth,Address,Mobileno,Mailid)values('%s','%s','%s','%s','%s','%s')"%(a,b,c,d,e,f)

mycursor.execute(sql)

mydb.commit()

messagebox.showinfo("Info","Your form has been successfully submitted!!!")

btn=Button(top, text="Submit" , width=15,bg="black",fg="white",command=ins).place(x=200,y=550)

def click():

import stucourses

Button(top,text="Next",width=15,bg="white",fg="black",command=click).place(x=350,y=550)

top.mainloop()

#Courses Details

from tkinter import\*

from tkinter import messagebox

import mysql.connector

mydb=mysql.connector.connect(host="localhost",user="root",password="root",database="CSCtutorial")

top=Tk()

top.geometry("600x650")

top.title('Courses Detail Form')

label=Label(top,text="Courses Detail Form", width=20,font=("Algerian",28))

label.place(x=70,y=40)

label1 =Label(top,text="Select the courses you want to learn.", width=27,font=("Elephant",12)).place(x=20,y=110)

myText=IntVar()

def add():

total=var1.get()+var2.get()+var3.get()+var4.get()+var5.get()+var6.get()+var7.get()+var8.get()

myText.set(total)

result=Label(top, text="", textvariable=myText,bg="white",font=("bold",13)).place(x=150,y=290)

var1=IntVar()

Checkbutton(top,text="HDCA(Tally)[Rs 6500/-]", variable=var1,onvalue=6500,offvalue=0,font=("bold",13),command=add).place(x=60,y=150)

var2=IntVar()

Checkbutton(top,text="TALLY[Rs 5500/-]", variable=var2,onvalue=5500,offvalue=0,font=("bold",13),command=add).place(x=300,y=150)

var3=IntVar()

Checkbutton(top,text="HDCA [Rs 6000/-]", variable=var3,onvalue=6000,offvalue=0,font=("bold",13),command=add).place(x=60,y=180)

var4=IntVar()

Checkbutton(top,text=".NET [Rs 7500/-]", variable=var4,onvalue=7500,offvalue=0,font=("bold",13),command=add).place(x=300,y=180)

var5=IntVar()

Checkbutton(top,text="ADJP [Rs 8500/-]", variable=var5,onvalue=8500,offvalue=0,font=("bold",13),command=add).place(x=60,y=210)

var6=IntVar()

Checkbutton(top,text="ADPP [Rs 8500/-]", variable=var6,onvalue=8500,offvalue=0,font=("bold",13),command=add).place(x=300,y=210)

var7=IntVar()

Checkbutton(top,text="DTP [Rs 4500/-]", variable=var7,onvalue=4500,offvalue=0,font=("bold",13),command=add).place(x=60,y=240)

var8=IntVar()

Checkbutton(top,text="ADCHN [Rs 6500/-]", variable=var8,onvalue=6500,offvalue=0,font=("bold",13),command=add).place(x=300,y=240)

l=Label(top,text="Total Amount",width=10,font=("Elephant",12)).place(x=30,y=290)

t1=StringVar()

t2=IntVar()

l=Label(top,text="Enter the courses you selected",width=27,font=("bold",13)).place(x=25,y=330)

e1=Entry(top,width=40,textvariable=t1).place(x=280,y=330)

l=Label(top,text="Enter the amount you paid",width=24,font=("bold",13)).place(x=20,y=360)

e2=Entry(top,textvariable=t2,width=10).place(x=240,y=360)

l=Label(top,text="Balance amount to be paid",width=24,font=("bold",13)).place(x=20,y=390)

am=IntVar()

def bal():

balance=myText.get()-t2.get()

am.set(balance)

res=Label(top, text="", textvariable=am,bg="white",font=("bold",13)).place(x=240,y=390)

btn=Button(top,text="Show",width=5,bg="white",command=bal).place(x=300,y=390)

l=Label(top,text="Select the bank transaction.",width=25,font=("Elephant",12)).place(x=0,y=425)

V=IntVar()

def hello():

print (V.get())

Radiobutton(top,text="Gpay",variable=V,value=1,command=hello,font=("bold",12)).place(x=50,y=460)

Radiobutton(top,text="Phonepay",variable=V,value=2,command=hello,font=("bold",12)).place(x=120,y=460)

Radiobutton(top,text="Paytm",variable=V,value=3,command=hello,font=("bold",12)).place(x=225,y=460)

Radiobutton(top,text="Cash",variable=V,value=4,command=hello,font=("bold",12)).place(x=305,y=460)

def ins():

a=str(t1.get())

b=int(myText.get())

c=int(t2.get())

d=int(am.get())

sql="insert into cod(courses,totalamount,amountpaid,balanceamount)values('%s','%d','%d','%d')"%(a,b,c,d)

mycursor=mydb.cursor()

mycursor.execute(sql)

mydb.commit()

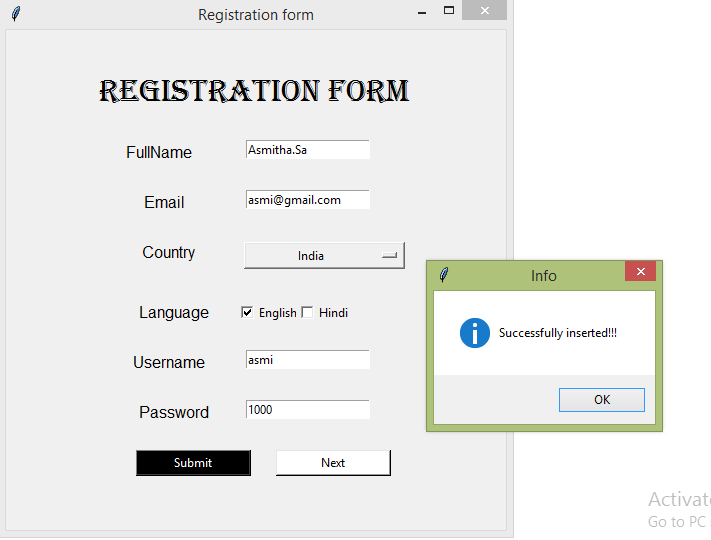
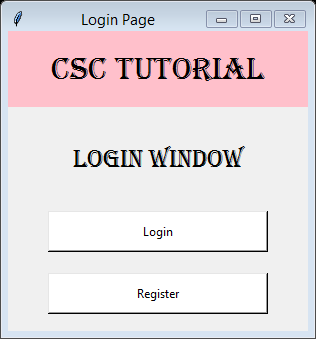
messagebox.showinfo("Message","your form has been successfully submitted")

btn=Button(top, text="Submit" , width=15,bg="black",fg="white",command=ins).place(x=250,y=510)

label=Label(top,text="Your payment status and class schedule will be intimated through SMS and Email.\n Always check your Email and SMS.\nThank you",

width=65,font=("Elephant",10)).place(x=0,y=550)

top.mainloop()

**Output:**

