import mysql.connector as sqltor

from tkinter import\*

import random

import time

root= Tk()

root.geometry("1600x700+0+0")

root.title("Restaurant Management System")

root.configure( background='pink')

Tops = Frame(root,bg="pink",width = 1600,height=50,relief=SUNKEN)

Tops.pack(side=TOP)

f1 = Frame(root,width = 900,height=700,relief=SUNKEN)

f1.pack(side=LEFT)

f2 = Frame(root ,width = 400,height=700,relief=SUNKEN)

f2.pack(side=RIGHT)

#------------------TIME--------------

localtime=time.asctime(time.localtime(time.time()))

#-----------------INFO TOP------------

lblinfo = Label(Tops, font=( 'comic sans ms' ,30, 'bold' ),text="OASIS LOUNGE",fg="red4",bg="pink",bd=10,anchor='w')

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

lblinfo = Label(Tops, font=( 'comic sans ms' ,20, ),text=localtime,fg="red4",bg="pink",anchor=W)

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

lblinfo = Label(Tops, font=( 'comic sans ms' ,20, ),text="LUXURY BEYOND HEAVEN",fg="red4",bg="pink",anchor=W)

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

#---------------Calculator------------------

text\_Input=StringVar()

operator =""

txtdisplay = Entry(f2,font=('comic sans ms' ,20,'bold'), textvariable=text\_Input , bd=5 ,insertwidth=7 ,bg="lavender",justify='right', state=DISABLED)

txtdisplay.grid(columnspan=4)

def btnclick(numbers):

global operator

operator=operator + str(numbers)

text\_Input.set(operator)

def clrdisplay():

global operator

operator=""

text\_Input.set("")

def eqals():

global operator

sumup=str(eval(operator))

text\_Input.set(sumup)

operator = ""

def Ref():

x=random.randint(12980, 50876)

randomRef = str(x)

rand.set(randomRef)

cof =float(Fries.get())

colfries= float(Largefries.get())

cob= float(Burger.get())

cofi= float(Filet.get())

cochee= float(Cheese\_burger.get())

codr= float(Drinks.get())

costoffries = cof\*120

costoflargefries = colfries\*200

costofburger = cob\*250

costoffilet = cofi\*300

costofcheeseburger = cochee\*500

costofdrinks = codr\*80

costofmeal = "Rs.",str('%.2f'% (costoffries + costoflargefries + costofburger + costoffilet + costofcheeseburger + costofdrinks))

PayTax=((costoffries + costoflargefries + costofburger + costoffilet + costofcheeseburger + costofdrinks)\*0.05)

Totalcost=(costoffries + costoflargefries + costofburger + costoffilet + costofcheeseburger + costofdrinks)

Ser\_Charge=((costoffries + costoflargefries + costofburger + costoffilet + costofcheeseburger + costofdrinks)/99)

Service="Rs.",str('%.2f'% Ser\_Charge)

OverAllCost="Rs.",str( PayTax + Totalcost + Ser\_Charge)

PaidTax="Rs.",str('%.2f'% PayTax)

Service\_Charge.set(Service)

cost.set(costofmeal)

Tax.set(PaidTax)

Subtotal.set(costofmeal)

Total.set(OverAllCost)

# mycon=sqltor.connect(host='localhost', user='root', passwd='tiger', database='suhani', charset='utf8')

#def showtotal():

def qexit():

root.destroy()

def reset():

rand.set("0")

Fries.set("0")

Largefries.set("0")

Burger.set("0")

Filet.set("0")

Subtotal.set("0")

Total.set("0")

Service\_Charge.set("0")

Drinks.set("0")

Tax.set("0")

cost.set("0")

Cheese\_burger.set("0")

btn7=Button(f2,padx=16,pady=16,bd=4, fg="black",height=1, font=('comic sans ms', 18 ,'bold'),text="7",bg="lavender", command=lambda: btnclick(7) )

btn7.grid(row=2,column=0,columnspan=1)

btn8=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="8",bg="lavender", command=lambda: btnclick(8) )

btn8.grid(row=2,column=1,columnspan=1)

btn9=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="9",bg="lavender", command=lambda: btnclick(9) )

btn9.grid(row=2,column=2)

Addition=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="+",bg="lavender", command=lambda: btnclick("+") )

Addition.grid(row=2,column=3)

#---------------------------------------------------------------------------------------------

btn4=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="4",bg="lavender", command=lambda: btnclick(4) )

btn4.grid(row=3,column=0)

btn5=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="5",bg="lavender", command=lambda: btnclick(5) )

btn5.grid(row=3,column=1)

btn6=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="6",bg="lavender", command=lambda: btnclick(6) )

btn6.grid(row=3,column=2)

Substraction=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="-",bg="lavender", command=lambda: btnclick("-") )

Substraction.grid(row=3,column=3)

#-----------------------------------------------------------------------------------------------

btn1=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="1",bg="lavender", command=lambda: btnclick(1) )

btn1.grid(row=4,column=0)

btn2=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="2",bg="lavender", command=lambda: btnclick(2) )

btn2.grid(row=4,column=1)

btn3=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="3",bg="lavender", command=lambda: btnclick(3) )

btn3.grid(row=4,column=2)

multiply=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="\*",bg="lavender", command=lambda: btnclick("\*") )

multiply.grid(row=4,column=3)

#------------------------------------------------------------------------------------------------

btn0=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="0",bg="lavender", command=lambda: btnclick(0) )

btn0.grid(row=5,column=0)

btnc=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text="c",bg="lavender", command=clrdisplay)

btnc.grid(row=5,column=1)

btnequal=Button(f2,padx=16,pady=16,bd=1,width = 46,height=1, fg="black", font=('comic sans ms',7 ,'bold'),text="=",bg="lavender",command=eqals)

btnequal.grid(columnspan=4)

Decimal=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 18 ,'bold'),text=".",bg="lavender", command=lambda: btnclick(".") )

Decimal.grid(row=5,column=2)

Division=Button(f2,padx=16,pady=16,bd=4, fg="black", font=('comic sans ms', 20 ,'bold'),text="/",bg="lavender", command=lambda: btnclick("/") )

Division.grid(row=5,column=3)

status = Label(f2,font=('COMIC SANS MS', 15, 'bold'),width = 25, text="OISHIKI & SUHANI",bg="lavender",relief=SUNKEN)

status.grid(row=7,columnspan=4)

#---------------------------------------------------------------------------------------

rand = StringVar()

Fries = StringVar()

Largefries = StringVar()

Burger = StringVar()

Filet = StringVar()

Subtotal = StringVar()

Total = StringVar()

Service\_Charge = StringVar()

Drinks = StringVar()

Tax = StringVar()

cost = StringVar()

Cheese\_burger = StringVar()

lblreference = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Order No. ",bg="pink",fg="maroon4",bd=10,anchor='w')

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

txtreference = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=rand , bd=6,insertwidth=4,bg="lavender" ,justify='right', state=DISABLED)

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

lblfries = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Breakfast Meal ",bg="pink",fg="maroon4",bd=10,anchor='w')

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

txtfries = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Fries , bd=6,insertwidth=4,bg="lavender" ,justify='right')

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

lblLargefries = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Lunch Meal ",bg="pink",fg="maroon4",bd=10,anchor='w')

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

txtLargefries = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Largefries , bd=6,insertwidth=4,bg="lavender" ,justify='right')

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

lblburger = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Evening Meal ",bg="pink",fg="maroon4",bd=10,anchor='w')

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

txtburger = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Burger , bd=6,insertwidth=4,bg="lavender" ,justify='right')

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

lblFilet = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text="Swimming Package",bg="pink",fg="maroon4",bd=10,anchor='w')

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

txtFilet = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Filet , bd=6,insertwidth=4,bg="lavender" ,justify='right')

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

lblCheese\_burger = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Golf Package ",bg="pink",fg="maroon4",bd=10,anchor='w')

lblCheese\_burger.grid(row=5,column=0)

txtCheese\_burger = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Cheese\_burger , bd=6,insertwidth=4,bg="lavender" ,justify='right')

txtCheese\_burger.grid(row=5,column=1)

#--------------------------------------------------------------------------------------

lblDrinks = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Drinks ",fg="maroon4",bg="pink",bd=10,anchor='w')

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

txtDrinks = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Drinks , bd=6,insertwidth=4,bg="lavender" ,justify='right')

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

lblcost = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Cost ",fg="maroon4",bg="pink",bd=10,anchor='w')

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

txtcost = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=cost , bd=6,insertwidth=4,bg="lavender" ,justify='right', state=DISABLED)

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

lblService\_Charge = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Service Charge",bg="pink",fg="maroon4",bd=10,anchor='w')

lblService\_Charge.grid(row=2,column=2)

txtService\_Charge = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Service\_Charge , bd=6,insertwidth=4,bg="lavender" ,justify='right', state=DISABLED)

txtService\_Charge.grid(row=2,column=3)

lblTax = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Tax ",fg="maroon4",bg="pink",bd=10,anchor='w')

lblTax.grid(row=3,column=2)

txtTax = Entry(f1,font=('comic sans ms' ,16,'bold'), textvariable=Tax , bd=6,insertwidth=4,bg="lavender" ,justify='right', state=DISABLED)

txtTax.grid(row=3,column=3)

lblSubtotal = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Subtotal ",bg="pink",fg="maroon4",bd=10,anchor='w')

lblSubtotal.grid(row=4,column=2)

txtSubtotal = Entry(f1,font=('comic sans ms' ,16,'bold'),textvariable=Subtotal , bd=6,insertwidth=4,bg="lavender" ,justify='right', state=DISABLED)

txtSubtotal.grid(row=4,column=3)

lblTotal = Label(f1, font=( 'comic sans ms' ,16, 'bold' ),text=" Total ",bg="pink",fg="maroon4",bd=10,anchor='w')

lblTotal.grid(row=5,column=2)

txtTotal = Entry(f1,font=('comic sans ms' ,16,'bold'),textvariable=Total , bd=6,insertwidth=4,bg="lavender" ,justify='right', state=DISABLED)

txtTotal.grid(row=5,column=3)

#-----------------------------------------buttons------------------------------------------

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btnTotal=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('comic sans ms' ,16,'bold'),width=10, text="TOTAL", bg="lavender",command=Ref)

btnTotal.grid(row=7, column=1)

btnreset=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('comic sans ms' ,16,'bold'),width=10, text="RESET", bg="lavender",command=reset)

btnreset.grid(row=7, column=2)

btnexit=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('comic sans ms' ,16,'bold'),width=10, text="EXIT", bg="lavender",command=qexit)

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

def price():

roo = Tk()

roo.geometry("600x220+0+0")

roo.title("Price List")

roo.configure(background="DeepPink4")

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'), text="SERVICE",bg="DeepPink4", fg="Turquoise1", bd=5)

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

lblinfo = Label(roo, font=('comic sans ms', 15,'bold'),bg="DeepPink4", text="\_\_\_\_\_\_\_\_\_\_\_\_\_", fg="DeepPink4", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="PRICE", fg="Turquoise1", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="Breakfast Meal", fg="CadetBlue2", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'), bg="DeepPink4",text="120", fg="CadetBlue2", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'), bg="DeepPink4",text="Lunch Meal", fg="CadetBlue2", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="200", fg="CadetBlue2", anchor=W)

lblinfo.grid(row=2, column=3)

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="Evening Meal", fg="CadetBlue2", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'), bg="DeepPink4",text="250", fg="CadetBlue2", anchor=W)

lblinfo.grid(row=3, column=3)

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="Swimming Package", fg="CadetBlue2", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'), bg="DeepPink4",text="300", fg="CadetBlue2", anchor=W)

lblinfo.grid(row=4, column=3)

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="Golf Package", fg="CadetBlue2", anchor=W)

lblinfo.grid(row=5, column=0)

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'), bg="DeepPink4",text="500", fg="CadetBlue2", anchor=W)

lblinfo.grid(row=5, column=3)

lblinfo = Label(roo, font=('comic mans ms', 15, 'bold'), bg="DeepPink4",text="Drinks", fg="CadetBlue2", anchor=W)

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

lblinfo = Label(roo, font=('comic sans ms', 15, 'bold'),bg="DeepPink4", text="80", fg="CadetBlue2", anchor=W)

lblinfo.grid(row=6, column=3)

roo.mainloop()

btnprice=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('comic sans ms' ,16,'bold'),width=10, text="PRICE", bg="lavender",command=price)

btnprice.grid(row=7, column=0,sticky="w")

rand.set("0")

Fries.set("0")

Largefries.set("0")

Burger.set("0")

Filet.set("0")

Subtotal.set("0")

Total.set("0")

Service\_Charge.set("0")

Drinks.set("0")

Tax.set("0")

cost.set("0")

Cheese\_burger.set("0")

def feed():

ro = Tk()

ro.geometry("1600x700+0+0")

ro.title("FEEDBACK")

ro.configure(background="azure")

#name = StringVar()

#fdbck = StringVar()

lblinf = Label(ro, font=('comic sans ms', 15, 'bold'), text=" SINCE WE THRIVE TOWARDS PROVIDING BETTER SERVICES, YOUR KIND FEEDBACK WILL BE APPRECIATED", bg="azure", fg="hot pink", bd=5)

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

mycon=sqltor.connect(host='localhost', user='root', passwd='tiger', database='suhani', charset='utf8')

def database():

#name1=name.get()

#fdbck1=fdbck.get()

cursor=mycon.cursor()

cursor.execute('create table if not exists feedback(NAME TEXT, FEEDBACK TEXT)')

st="insert into feedback(NAME, FEEDBACK) values('{}','{}')".format('name','fdbck')

cursor.execute(st)

mycon.commit()

namelbl = Label(ro, font=( 'comic sans ms' ,16),text="Enter name",bg="azure",fg="hot pink",bd=5,anchor='w')

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

entername = Entry(ro,font=('comic sans ms',16),bd=6,insertwidth=5,bg="lavender")#textvariable=name)

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

feedbacklbl = Label(ro, font=( 'comic sans ms' ,16 ),text="Enter feedback",bg="azure",fg="hot pink",bd=5,anchor='w')

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

enterfeedback = Entry(ro,font=('comic sans ms',16),bd=6,insertwidth=5,bg="lavender") #textvariable=fdbck)

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

submitbtn=Button(ro,padx=16,pady=16,bd=4, fg="hot pink", font=('comic sans ms', 15 ,'bold'),text="SUBMIT",bg="azure",command=database)

submitbtn.grid(row=5,column=0)

ro.mainloop()

btnfd=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('comic sans ms' ,16,'bold'),width=10, text="FEEDBACK", bg="lavender",

command=feed)

btnfd.grid(row=8, column=0)

root.mainloop()