```python
from tkinter import*
import random
import time

root = Tk()
root.geometry("1600x700+0+0")
root.title("Restaurant Management System")

Tops = Frame(root,bg="white",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=('ariel',30,'bold'), text="Restaurant Management
System",
                fg="steel blue", bd=10,
                anchor='w')
lblinfo.grid(row=0,column=0)
lblinfo = Label(Tops, font=('ariel',20,'bold'), text=localtime, fg="steel blue",
                anchor='w')
lblinfo.grid(row=1,column=0)

#--------------Calculator-----------------
text_Input=StringVar()
operator = ""

txtdisplay = Entry(f2,font=('ariel',20,'bold'), textvariable=text_Input, bd=5,
                   insertwidth=7, bg="white", justify='right')
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("")
```

```python
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*25
    costoflargefries = colfries*40
    costofburger = cob*35
    costoffilet = cofi*50
    costofcheeseburger = cochee*50
    costofdrinks = codr*35

    costofmeal = "Rs.",str('%.2f'% (costoffries + costoflargefries + costofburger
                                    + costoffilet + costofcheeseburger +
                                    costofdrinks))
    PayTax = ((costoffries +  costoflargefries + costofburger + costoffilet +
            costofcheeseburger + costofdrinks)*0.33)
    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)

def qexit():
    root.destroy()
```

```python
def reset():
    rand.set("")
    Fries.set("")
    Largefries.set("")
    Burger.set("")
    Filet.set("")
    Subtotal.set("")
    Total.set("")
    Service_Charge.set("")
    Drinks.set("")
    Tax.set("")
    cost.set("")
    Cheese_burger.set("")


btn7 = Button(f2, padx=16, pady=16,bd=4, fg="black", font=('ariel',20,'bold'),
              text="7", bg="powder blue", command=lambda: btnclick(7) )
btn7.grid(row=2, column=0)


btn8 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
            text="8", bg="powder blue", command=lambda: btnclick(8) )
btn8.grid(row=2, column=1)


btn9 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="9", bg="powder blue", command=lambda: btnclick(9) )
btn9.grid(row=2, column=2)


Addition = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
                  text="+",bg="powder blue", command=lambda: btnclick("+") )
Addition.grid(row=2, column=3)


#-----------------------------------------------------------------------------
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btn4 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="4", bg="powder blue", command=lambda: btnclick(4) )
btn4.grid(row=3, column=0)


btn5 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
            text="5", bg="powder blue", command=lambda: btnclick(5) )
btn5.grid(row=3, column=1)


btn6 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="6", bg="powder blue", command=lambda: btnclick(6) )
btn6.grid(row=3, column=2)


Substraction = Button(f2, padx=16, pady=16, bd=4, fg="black",
                      font=('ariel',20,'bold'), text="-", bg="powder blue",
                      command=lambda: btnclick("-") )
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Substraction.grid(row=3, column=3)

#----------------------------------------------------------------------
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btn1 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="1", bg="powder blue", command=lambda: btnclick(1) )
btn1.grid(row=4, column=0)

btn2 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="2", bg="powder blue", command=lambda: btnclick(2) )
btn2.grid(row=4, column=1)

btn3 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="3", bg="powder blue", command=lambda: btnclick(3) )
btn3.grid(row=4,column=2)

multiply = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
                  text="*", bg="powder blue", command=lambda: btnclick("*") )
multiply.grid(row=4, column=3)

#-----------------------------------------------------------------------
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btn0 = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="0", bg="powder blue", command=lambda: btnclick(0) )
btn0.grid(row=5, column=0)

btnc = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
              text="c", bg="powder blue", command=clrdisplay)
btnc.grid(row=5, column=1)

btnequal = Button(f2, padx=16, pady=16, bd=4, width=16, fg="black",
                  font=('ariel',20,'bold'), text="=", bg="powder blue",
                  command=eqals)
btnequal.grid(columnspan=4)

Decimal = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel',20,'bold'),
                 text=".", bg="powder blue", command=lambda: btnclick(".") )
Decimal.grid(row=5, column=2)

Division = Button(f2, padx=16, pady=16, bd=4, fg="black", font=('ariel', 20
,'bold'),
                  text="/", bg="powder blue", command=lambda: btnclick("/") )
Division.grid(row=5, column=3)
status = Label(f2, font=('aria',15,'bold'), width=16, text="-By XXXXXX", bd=2,
               relief=SUNKEN)
status.grid(row=7, columnspan=3)

#----------------------------------------------------------------------
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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=( 'aria' ,16, 'bold' ),text="Order No.",fg="steel
blue",bd=10,anchor='w')
lblreference.grid(row=0,column=0)
txtreference = Entry(f1,font=('ariel' ,16,'bold'), textvariable=rand ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtreference.grid(row=0,column=1)

lblfries = Label(f1, font=( 'aria' ,16, 'bold' ),text="Fries Meal",fg="steel
blue",bd=10,anchor='w')
lblfries.grid(row=1,column=0)
txtfries = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Fries ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtfries.grid(row=1,column=1)

lblLargefries = Label(f1, font=( 'aria' ,16, 'bold' ),text="Lunch Meal",fg="steel
blue",bd=10,anchor='w')
lblLargefries.grid(row=2,column=0)
txtLargefries = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Largefries ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtLargefries.grid(row=2,column=1)


lblburger = Label(f1, font=( 'aria' ,16, 'bold' ),text="Burger Meal",fg="steel
blue",bd=10,anchor='w')
lblburger.grid(row=3,column=0)
txtburger = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Burger ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtburger.grid(row=3,column=1)

lblFilet = Label(f1, font=( 'aria' ,16, 'bold' ),text="Pizza Meal",fg="steel
blue",bd=10,anchor='w')
lblFilet.grid(row=4,column=0)
txtFilet = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Filet ,
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bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtFilet.grid(row=4,column=1)

lblCheese_burger = Label(f1, font=( 'aria' ,16, 'bold' ),text="Cheese
burger",fg="steel blue",bd=10,anchor='w')
lblCheese_burger.grid(row=5,column=0)
txtCheese_burger = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Cheese_burger ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtCheese_burger.grid(row=5,column=1)

#-------------------------------------------------------------------------------
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lblDrinks = Label(f1, font=( 'aria' ,16, 'bold' ),text="Drinks",fg="steel
blue",bd=10,anchor='w')
lblDrinks.grid(row=0,column=2)
txtDrinks = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Drinks ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtDrinks.grid(row=0,column=3)

lblcost = Label(f1, font=( 'aria' ,16, 'bold' ),text="cost",fg="steel
blue",bd=10,anchor='w')
lblcost.grid(row=1,column=2)
txtcost = Entry(f1,font=('ariel' ,16,'bold'), textvariable=cost ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtcost.grid(row=1,column=3)

lblService_Charge = Label(f1, font=( 'aria' ,16, 'bold' ),text="Service
Charge",fg="steel blue",bd=10,anchor='w')
lblService_Charge.grid(row=2,column=2)
txtService_Charge = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Service_Charge
, bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtService_Charge.grid(row=2,column=3)

lblTax = Label(f1, font=( 'aria' ,16, 'bold' ),text="Tax",fg="steel
blue",bd=10,anchor='w')
lblTax.grid(row=3,column=2)
txtTax = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Tax ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtTax.grid(row=3,column=3)

lblSubtotal = Label(f1, font=( 'aria' ,16, 'bold' ),text="Subtotal",fg="steel
blue",bd=10,anchor='w')
lblSubtotal.grid(row=4,column=2)
txtSubtotal = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Subtotal ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtSubtotal.grid(row=4,column=3)

lblTotal = Label(f1, font=( 'aria' ,16, 'bold' ),text="Total",fg="steel
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blue",bd=10,anchor='w')
lblTotal.grid(row=5,column=2)
txtTotal = Entry(f1,font=('ariel' ,16,'bold'), textvariable=Total ,
bd=6,insertwidth=4,bg="powder blue" ,justify='right')
txtTotal.grid(row=5,column=3)


#----------------------------------------buttons--------------------------------
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lblTotal = Label(f1,text="--------------------",fg="white")
lblTotal.grid(row=6,columnspan=3)


btnTotal=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('ariel'
,16,'bold'),width=10, text="TOTAL", bg="powder blue",command=Ref)
btnTotal.grid(row=7, column=1)

btnreset=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('ariel'
,16,'bold'),width=10, text="RESET", bg="powder blue",command=reset)
btnreset.grid(row=7, column=2)

btnexit=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('ariel'
,16,'bold'),width=10, text="EXIT", bg="powder blue",command=qexit)
btnexit.grid(row=7, column=3)

def price():
    roo = Tk()
    roo.geometry("600x220+0+0")
    roo.title("Price List")
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="ITEM", fg="black", bd=5)
    lblinfo.grid(row=0, column=0)
    lblinfo = Label(roo, font=('aria', 15,'bold'), text="_____",
fg="white", anchor=W)
    lblinfo.grid(row=0, column=2)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="PRICE", fg="black",
anchor=W)
    lblinfo.grid(row=0, column=3)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="Fries Meal", fg="steel
blue", anchor=W)
    lblinfo.grid(row=1, column=0)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="25", fg="steel blue",
anchor=W)
    lblinfo.grid(row=1, column=3)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="Lunch Meal", fg="steel
blue", anchor=W)
    lblinfo.grid(row=2, column=0)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="40", fg="steel blue",
anchor=W)
    lblinfo.grid(row=2, column=3)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="Burger Meal", fg="steel
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blue", anchor=W)
    lblinfo.grid(row=3, column=0)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="35", fg="steel blue",
anchor=W)
    lblinfo.grid(row=3, column=3)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="Pizza Meal", fg="steel
blue", anchor=W)
    lblinfo.grid(row=4, column=0)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="50", fg="steel blue",
anchor=W)
    lblinfo.grid(row=4, column=3)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="Cheese Burger", fg="steel
blue", anchor=W)
    lblinfo.grid(row=5, column=0)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="30", fg="steel blue",
anchor=W)
    lblinfo.grid(row=5, column=3)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="Drinks", fg="steel blue",
anchor=W)
    lblinfo.grid(row=6, column=0)
    lblinfo = Label(roo, font=('aria', 15, 'bold'), text="35", fg="steel blue",
anchor=W)
    lblinfo.grid(row=6, column=3)

    roo.mainloop()

btnprice=Button(f1,padx=16,pady=8, bd=10 ,fg="black",font=('ariel'
,16,'bold'),width=10, text="PRICE", bg="powder blue",command=price)
btnprice.grid(row=7, column=0)

root.mainloop()
```