from tkinter import \*

def btnClick(numbers):

global operator

operator=operator+str(numbers)

text\_Input.set(operator)

def btnClearDisplay():

global operator

operator=""

text\_Input.set("")

def btnEqualsInput():

global operator

sumup=str(eval(operator))

text\_Input.set(sumup)

operator=""

cal = Tk()

cal.title("Calculator")

operator=""

text\_Input =StringVar()

txtDisplay = Entry(cal,font=('calibri',20,'bold'),textvariable=text\_Input, bd=30,insertwidth=4,bg="powder blue",justify='right').grid(columnspan=4)

btn7=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="7",command=lambda:btnClick(7),bg="powder blue").grid(row=1,column=0)

btn8=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="8",command=lambda:btnClick(8),bg="powder blue").grid(row=1,column=1)

btn9=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="9",command=lambda:btnClick(9),bg="powder blue").grid(row=1,column=2)

addition=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="+",command=lambda:btnClick("+"),bg="powder blue").grid(row=1,column=3)

btn4=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="4",command=lambda:btnClick(4),bg="powder blue").grid(row=2,column=0)

btn5=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="5",command=lambda:btnClick(5),bg="powder blue").grid(row=2,column=1)

btn6=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="6",command=lambda:btnClick(6),bg="powder blue").grid(row=2,column=2)

subtraction=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="-",command=lambda:btnClick("-"),bg="powder blue").grid(row=2,column=3)

btn1=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="1",command=lambda:btnClick(1),bg="powder blue").grid(row=3,column=0)

btn2=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="2",command=lambda:btnClick(2),bg="powder blue").grid(row=3,column=1)

btn3=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="3",command=lambda:btnClick(3),bg="powder blue").grid(row=3,column=2)

multiply=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="",command=lambda:btnClick(""),bg="powder blue").grid(row=3,column=3)

btn0=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="0",command=lambda:btnClick(0),bg="powder blue").grid(row=4,column=0)

btnclear=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="C",bg="powder blue",command=btnClearDisplay).grid(row=4,column=1)

btnequals=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="=",bg="powder blue",command=btnEqualsInput).grid(row=4,column=2)

division=Button(cal,padx=16,pady=16,bd=8,fg="black",font=('calibri',20,'bold'),text="/",command=lambda:btnClick("/"),bg="powder blue").grid(row=4,column=3)

cal.mainloop()