Write a program to create an arithmetic calculator using tkinter.

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In [ ]: from tkinter import *
        root=Tk()
        root.title("Simple Calculator")
        # creating main frame
        mainframe=Frame(root, width=45, bd=10, relief=RIDGE, bg="blue")
        mainframe.pack()
        inner=Frame(mainframe, width=45, bd=10, relief=RIDGE, bg="black")
        inner.pack()
        e=Entry(inner,width=65,borderwidth=5)
        e.grid(row=0,column=0,columnspan=4,padx=10,pady=1)
        def onclick(num):
            x=e.get()
            e.delete(0,END)
            e.insert(0,str(x)+str(num))
        def clear():
            e.delete(0,END)
        def add():
            global first,op
            op='+'
            first=e.get()
            e.delete(0,END)
        def sub():
            global first,op
            op='-'
            first=e.get()
            e.delete(0,END)
        def mul():
            global first,op
            op='*'
            first=e.get()
            e.delete(0,END)
        def div():
            global first,op
            op='/'
            first=e.get()
            e.delete(0,END)
        def equal():
            second=e.get()
            if op=='+':
                result=float(first)+float(second)
            elif op=='-':
                result=float(first)-float(second)
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elif op=='*':
        result=float(first)*float(second)
    elif op=='/':
        result=float(first)/float(second)
    e.delete(0,END)
    e.insert(0,result)
####Button widget####
button 1=Button(inner,text='1',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(1))
button_2=Button(inner,text='2',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(2))
button 3=Button(inner,text='3',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(3))
button 4=Button(inner,text='4',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(4))
button 5=Button(inner,text='5',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(5))
button 6=Button(inner,text='6',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(6))
button 7=Button(inner,text='7',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(7))
button 8=Button(inner,text='8',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(8))
button 9=Button(inner,text='9',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(9))
button 0=Button(inner,text='0',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=lambda:onclick(0))
# operation button
button add=Button(inner,text='+',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=add)
button sub=Button(inner,text='-',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=sub)
button mul=Button(inner,text='*',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=mul)
button div=Button(inner,text='/',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=div)
button equal=Button(inner,text='=',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=equal)
button clear=Button(inner,text='C',padx=30,pady=10,relief=RIDGE,font=15,width=4,command=clear)
#####place the number button#####
button 1.grid(row=3,column=0)
button 2.grid(row=3,column=1)
button 3.grid(row=3,column=2)
button 4.grid(row=2,column=0)
button 5.grid(row=2,column=1)
button 6.grid(row=2,column=2)
button 7.grid(row=1,column=0)
button 8.grid(row=1,column=1)
button 9.grid(row=1,column=2)
button 0.grid(row=4,column=0)
button add.grid(row=1,column=3)
button sub.grid(row=2,column=3)
button mul.grid(row=3,column=3)
button div.grid(row=4,column=3)
button equal.grid(row=4,column=2)
button clear.grid(row=4,column=1)
root.mainloop()
```