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from tkinter import Tk, Entry,Button,StringVar
class Calculator:
    def __init__(self,master):
        master.title("Calcualtor")
        master.geometry('357x420+0+0')
        master.config(bg='gray')
        master.resizable(False,False)
        self.equation=StringVar()
        self.entry_value=''
        Entry(width=17,bg='#fff',font=('Arial
Bold',28),textvariable=self.equation).place(x=0,y=0)

Button(width=11,height=4,text='(',relief='flat',bg='white',command=lambda:self.show
('(')).place(x=0,y=50)

Button(width=11,height=4,text=')',relief='flat',bg='white',command=lambda:self.show
(')')).place(x=90,y=50)

Button(width=11,height=4,text='%',relief='flat',bg='white',command=lambda:self.show
('%')).place(x=180,y=50)

Button(width=11,height=4,text='1',relief='flat',bg='white',command=lambda:self.show
(1)).place(x=0,y=125)

Button(width=11,height=4,text='2',relief='flat',bg='white',command=lambda:self.show
(2)).place(x=90,y=125)

Button(width=11,height=4,text='3',relief='flat',bg='white',command=lambda:self.show
(3)).place(x=180,y=125)

Button(width=11,height=4,text='4',relief='flat',bg='white',command=lambda:self.show
(4)).place(x=0,y=200)

Button(width=11,height=4,text='5',relief='flat',bg='white',command=lambda:self.show
(5)).place(x=90,y=200)

Button(width=11,height=4,text='6',relief='flat',bg='white',command=lambda:self.show
(6)).place(x=180,y=200)

Button(width=11,height=4,text='7',relief='flat',bg='white',command=lambda:self.show
(7)).place(x=0,y=275)

Button(width=11,height=4,text='8',relief='flat',bg='white',command=lambda:self.show
(8)).place(x=180,y=275)

Button(width=11,height=4,text='9',relief='flat',bg='white',command=lambda:self.show
(9)).place(x=90,y=275)

Button(width=11,height=4,text='0',relief='flat',bg='white',command=lambda:self.show
(0)).place(x=90,y=350)
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Button(width=11,height=4,text='.',relief='flat',bg='white',command=lambda:self.show
('.')).place(x=180,y=350)

Button(width=11,height=4,text='+',relief='flat',bg='white',command=lambda:self.show
('+')).place(x=270,y=350)

Button(width=11,height=4,text='-',relief='flat',bg='white',command=lambda:self.show
('-')).place(x=270,y=200)

Button(width=11,height=4,text='/',relief='flat',bg='white',command=lambda:self.show
('/')).place(x=270,y=50)


Button(width=11,height=4,text='x',relief='flat',bg='white',command=lambda:self.show
('*')).place(x=270,y=125)

Button(width=11,height=4,text='=',relief='flat',bg='white',command=self.solve).plac
e(x=270,y=350)

Button(width=11,height=4,text='C',relief='flat',bg='lightblue',command=self.clear).
place(x=0,y=350)

    def show(self,value):
        self.entry_value+=str(value)
        self.equation.set(self.entry_value)

    def clear(self):
        self.entry_value=''
        self.equation.set(self.entry_value)

    def solve(self):
        result=eval(self.entry_value)
        self.equation.set(result)
root=Tk()
calculator=Calculator(root)
root.mainloop()
```