from tkinter import \*  
f\_numb=s\_numb=operator=None  
def get\_digit(digit):  
 current= result\_label['text']  
 new = current+str(digit)  
 result\_label.config(text=new)  
  
def clear():  
 result\_label.config(text='')  
  
def get\_operator(op):  
 global f\_numb ,operator  
 f\_numb = int (result\_label['text'])  
 operator=op  
 result\_label.config(text='')  
  
def get\_result():  
 global f\_numb,s\_numb,operator  
 s\_numb = int(result\_label['text'])  
 if operator=='+':  
 result\_label.config(text=str(f\_numb + s\_numb))  
 elif operator=='-':  
 result\_label.config(text=str(f\_numb - s\_numb))  
 elif operator=='\*':  
 result\_label.config(text=str(f\_numb \* s\_numb))  
 else:  
 if s\_numb==0:  
 result\_label(text='Error')  
 else:  
 result\_label.config(text=str(f\_numb / s\_numb))  
  
  
root = Tk()  
root.title('Calculator')  
root.geometry('280x380')  
root.resizable(0,0)  
root.config(bg='black')  
result\_label= Label(root,text='',bg='black',fg='white')  
result\_label.grid(row=0,column=0,columnspan=5,pady=(50,25),sticky='w') # w means start from west side  
result\_label.configure(font=('verdana',30,'bold'))  
  
  
btn7 = Button(root,text='7',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(7))  
btn7.grid(row=1,column=0)  
btn7.configure(font=('verdana',14))  
  
  
btn8 = Button(root,text='8',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(8))  
btn8.grid(row=1,column=1)  
btn8.configure(font=('verdana',14))  
  
  
btn9 = Button(root,text='9',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(9))  
btn9.grid(row=1,column=2)  
btn9.configure(font=('verdana',14))  
  
btn\_add = Button(root,text='+',bg='grey',fg='white',width=5,height=2,command=lambda: get\_operator('+'))  
btn\_add.grid(row=1,column=3)  
btn\_add.configure(font=('verdana',14))  
  
btn4 = Button(root,text='4',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(4))  
btn4.grid(row=2,column=0)  
btn4.configure(font=('verdana',14))  
  
  
btn5 = Button(root,text='5',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(5))  
btn5.grid(row=2,column=1)  
btn5.configure(font=('verdana',14))  
  
  
btn6 = Button(root,text='6',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(6))  
btn6.grid(row=2,column=2)  
btn6.configure(font=('verdana',14))  
  
btn\_sub = Button(root,text='-',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit('-'))  
btn\_sub.grid(row=2,column=3)  
btn\_sub.configure(font=('verdana',14))  
  
btn3 = Button(root,text='3',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(3))  
btn3.grid(row=3,column=0)  
btn3.configure(font=('verdana',14))  
  
  
btn2 = Button(root,text='2',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(2))  
btn2.grid(row=3,column=1)  
btn2.configure(font=('verdana',14))  
  
  
btn1 = Button(root,text='1',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(1))  
btn1.grid(row=3,column=2)  
btn1.configure(font=('verdana',14))  
  
btn\_mul = Button(root,text='\*',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit('\*'))  
btn\_mul.grid(row=3,column=3)  
btn\_mul.configure(font=('verdana',14))  
  
btn\_clr = Button(root,text='C',bg='grey',fg='white',width=5,height=2,command=lambda: clear())  
btn\_clr.grid(row=4,column=0)  
btn\_clr.configure(font=('verdana',14))  
  
  
btn0 = Button(root,text='0',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit(0))  
btn0.grid(row=4,column=1)  
btn0.configure(font=('verdana',14))  
  
  
btn\_equal = Button(root,text='=',bg='grey',fg='white',width=5,height=2,command=get\_result)  
btn\_equal.grid(row=4,column=2)  
btn\_equal.configure(font=('verdana',14))  
  
btn\_div = Button(root,text='/',bg='grey',fg='white',width=5,height=2,command=lambda: get\_digit('/'))  
btn\_div.grid(row=4,column=3)  
btn\_div.configure(font=('verdana',14))  
root.mainloop()

Output:

