

GUI MINI CALCULATOR OF TWO NUMBER BY KEYBOARD with messagebox

DESKTOP BASED

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In [16]: from tkinter import*
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In [2]: #all properties of tkinter is imported
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```
In [15]: pip install messagebox
```

Defaulting to user installation because normal site-packages is not writeableNote: you may need to restart the kernel to use updated packages.

Collecting messagebox

Obtaining dependency information for messagebox from <https://files.pythonhosted.org/packages/ae/dc/8e5e8b36234e67dfe991dce84a233b6936e2520c472f48741c54a4857b8b/messagebox-0.1.0-py3-none-any.whl.metadata>

Downloading messagebox-0.1.0-py3-none-any.whl.metadata (1.3 kB)

Downloading messagebox-0.1.0-py3-none-any.whl (6.0 kB)

Installing collected packages: messagebox

Successfully installed messagebox-0.1.0

```
In [17]: from tkinter import messagebox
```

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In [19]: win=Tk()
win.geometry("800x600") #resizable
win.configure(bg="lightblue")

lc=Label(win,text="MINI CALCULATOR FOR TWO NUMBERS",font=('arial',15),bd=5,fg='black')
lc.place(relx=0.3,relx=0.1)

def add():
    a=int(e1.get())
    b=int(e2.get())
    messagebox.showinfo("ADDITION", f"Result:{a+b}")

def mul():
    a=int(e1.get())
    b=int(e2.get())
    messagebox.showinfo("ADDITION", f"Result:{a*b}")

def sub():
    a=int(e1.get())
    b=int(e2.get())
    messagebox.showinfo("ADDITION", f"Result:{a-b}")

def div():
    a=int(e1.get())
    b=int(e2.get())
    messagebox.showinfo("ADDITION", f"Result:{a/b}")

l1=Label(win,text="Enter First Number",font=('arial',15),fg='blue',bg='yellow')
l1.place(relx=0.2,relx=0.2)
e1=Entry(win,font=('arial',15),bd=5,fg='blue',bg='yellow')
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e1.place(relx=0.5, rely=0.2)

l2=Label(win, text="Enter Second Number", font=('arial', 15), fg='blue', bg='yellow')
l2.place(relx=0.2, rely=0.3)
e2=Entry(win, font=('arial', 15), bd=5, fg='blue', bg='yellow')
e2.place(relx=0.5, rely=0.3)

b1=Button(win, text='Addition', font=('arial', 12), bd=5, fg='blue', bg='yellow', width='10')
b1.place(relx=0.2, rely=0.5)

b2=Button(win, text='Subtraction', font=('arial', 12), bd=5, fg='blue', bg='yellow', width='10')
b2.place(relx=0.4, rely=0.5)

b3=Button(win, text='Multiplicatiom', font=('arial', 12), bd=5, fg='blue', bg='yellow', width='10')
b3.place(relx=0.6, rely=0.5)

b4=Button(win, text='Division', font=('arial', 12), bd=5, fg='blue', bg='yellow', width='10')
b4.place(relx=0.8, rely=0.5)
win.mainloop()
```