

GUI Assignment #3

#

add the 3 remaining functions *, /, -

and add two more math functions of your choice

```
from tkinter import *
```

```
# define user functions
```

```
def add2():
```

```
    # read entry as strings
```

```
    s1=text1.get()
```

```
    s2=text2.get()
```

```
    # check for null entry
```

```
    if s1=="":
```

```
        s1="0"
```

```
    if s2=="":
```

```
        s2="0"
```

```
    num1 = float(s1)
```

```
    num2 = float(s2)
```

```
    sum = num1+num2
```

```
    label2["text"] = sum
```

```
# set up window
```

```
window=Tk()
```

```
window.title('Calculator Version 0.0000001')
```

```
window.geometry("400x500+200+200")
```

```
# add widgets here
```

```
# Create label1 Title
```

```
label1=Label(window,
```

```
    text="Calculator Version 0.000001",
```

```
    fg="blue",
```

```
        font=("Helvetica",16,"bold"))
label1.place(x=80, y=50)
```

```
# Create Output label2
label2=Label(window,
    text="",
    fg="yellow",
    bg="black",
    width=15,
    font=("Helvetica",16,"bold"))
label2.place(x=80, y=400)
```

```
# create button1 ADD button
button1=Button(window,
    text="+",
    fg="yellow",
    bg="blue",
    font=("Helvetica", 16),
    command = add2)
button1.place(x=80, y=100)
```

```
# create entrys (textbox)
text1=Entry(window,
    bg='white',
    fg='black',
    font=("Helvetica", 16),
    bd=2,
    width=8,
    )
text1.place(x=80,y=200)
text1.focus_set()
```

```
text2=Entry(window,
    bg='white',
    fg='black',
    font=("Helvetica", 16),
    bd=2,
    width=8,
    )
text2.place(x=80,y=260)
```

```
window.mainloop()
```