Mini Project – Calculator

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MiniProjectCalculator.py - C:\Users\neelo\OneDrive\Desktop\HDLC_Internship\MiniProjectCa
File Edit Format Run Options Window Help
from tkinter import*
def click(event):
        global scvalue
        text=event.widget.cget("text")
        print(text)
        if text=="=":
                if scvalue.get().isdigit():
                         value=int(scvalue.get())
                         value=eval(screen.get())
                 scvalue.set(value)
                 screen.update()
        elif text=="C":
                 scvalue.set("")
                 screen.update()
        else:
                 scvalue.set(scvalue.get()+text)
                 screen.update()
root= Tk()
root.geometry("644x900")
root.title("Calculator By Neelofar")
scvalue=StringVar()
scvalue.set("")
screen=Entry(root,textvar=scvalue,font="lucida 40 bold")
screen.pack(fill=X,ipadx=8,pady=10,padx=10)
p=PhotoImage(file='Cal.png')
root.iconphoto(False,p)
f=Frame(root,bg="grey")
b=Button(f,text="9",padx=10,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
b=Button(f,text="8",padx=10,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
b=Button(f,text="7",padx=10,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
f.pack()
f=Frame (root, bg="grey")
b=Button(f,text="6",padx=10,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
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b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click) b=Button(f,text="4",padx=10,pady=10,font="lucida 30 bold") b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click) f.pack() f=Frame(root,bg="grey") b=Button(f,text="3",padx=10,pady=10,font="lucida 30 bold") b.pack(side=LEFT, padx=5, pady=5) b.bind("<Button-1>",click) b=Button(f,text="2",padx=10,pady=10,font="lucida 30 bold") b.pack(side=LEFT, padx=5, pady=5) b.bind("<Button-1>",click) b=Button(f,text="1",padx=10,pady=10,font="lucida 30 bold") b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click) f.pack() f=Frame (root, bg="grey") b=Button(f,text="0",padx=12,pady=10,font="lucida 30 bold") b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click) b=Button(f,text="-",padx=12,pady=10,font="lucida 30 bold") b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click) b=Button(f,text="*",padx=12,pady=10,font="lucida 30 bold") b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click) f.pack() f=Frame(root, bg="grey") b=Button(f,text="/",padx=10,pady=10,font="lucida 30 bold") b.pack(side=LEFT,padx=5,pady=5) b.bind("<Button-1>",click)

b=Button(f,text="%",padx=9,pady=10,font="lucida 30 bold")

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b=Button(f,text="%",padx=9,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
b=Button(f,text="=",padx=9,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
f.pack()
f=Frame(root,bg="grey")
b=Button(f,text="C",padx=9,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
b=Button(f,text="+",padx=9,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
b=Button(f,text=".",padx=11,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)
f.pack()
root.mainloop()
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*IDLE Shell 3.11.1*

File Edit Shell Debug Options Window Help

Python 3.11.1 (tags/v3.11.1:a7a450:
Type "help", "copyright", "credits"

= RESTART: C:\Users\neelo\OneDrive'
9

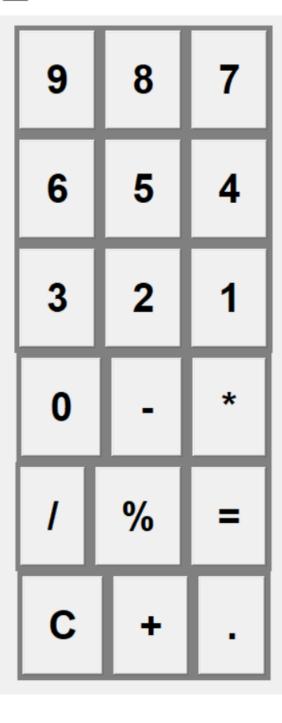
.
1
+
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Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.

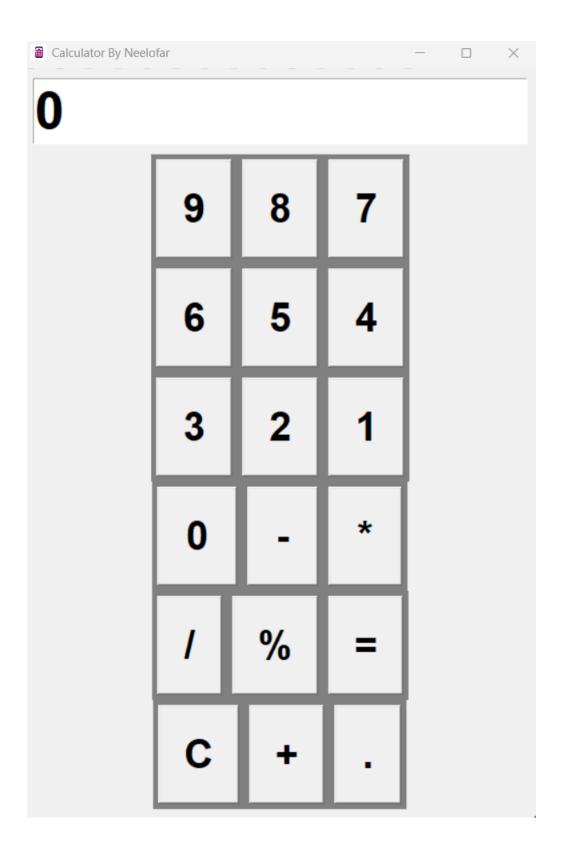
= RESTART: C:\Users\neelo\OneDrive\Desktop\HDLC_Internship\MiniProjectCalculator.py
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9.1+0.2



4%2

9	8	7
6	5	4
3	2	1
0	-	*
1	%	=
С	+	



Calculator By Neelofar 4/2 % C

2.0

9 8 7

6 5 4

3 2 1

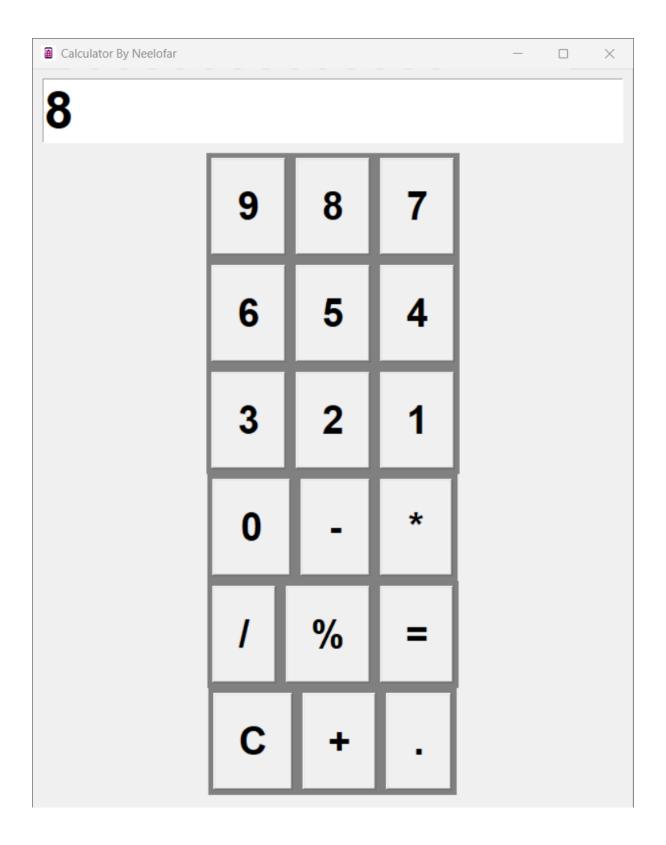
0 - *

/ % =

C | + | .

2*4

9	8	7
6	5	4
3	2	1
0	-	*
1	%	=
С	+	



 \times

5-7

