Python Mini Project

Code:

NamCalculator.py - C:/Users/neelo/OneDrive/Desktop/HDLC_Internship/NamCalculator.py (3.11.1)

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```
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())
                else:
                        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 Namratha")

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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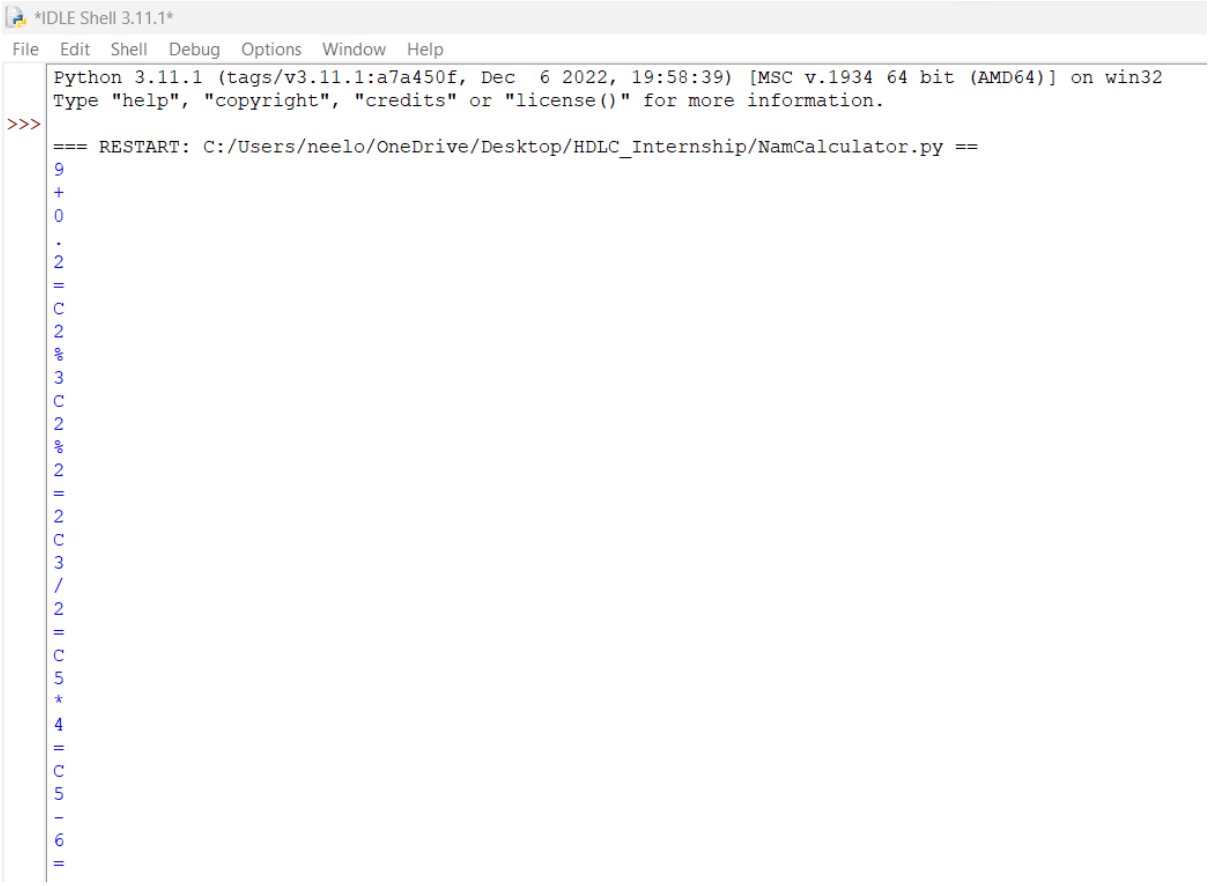
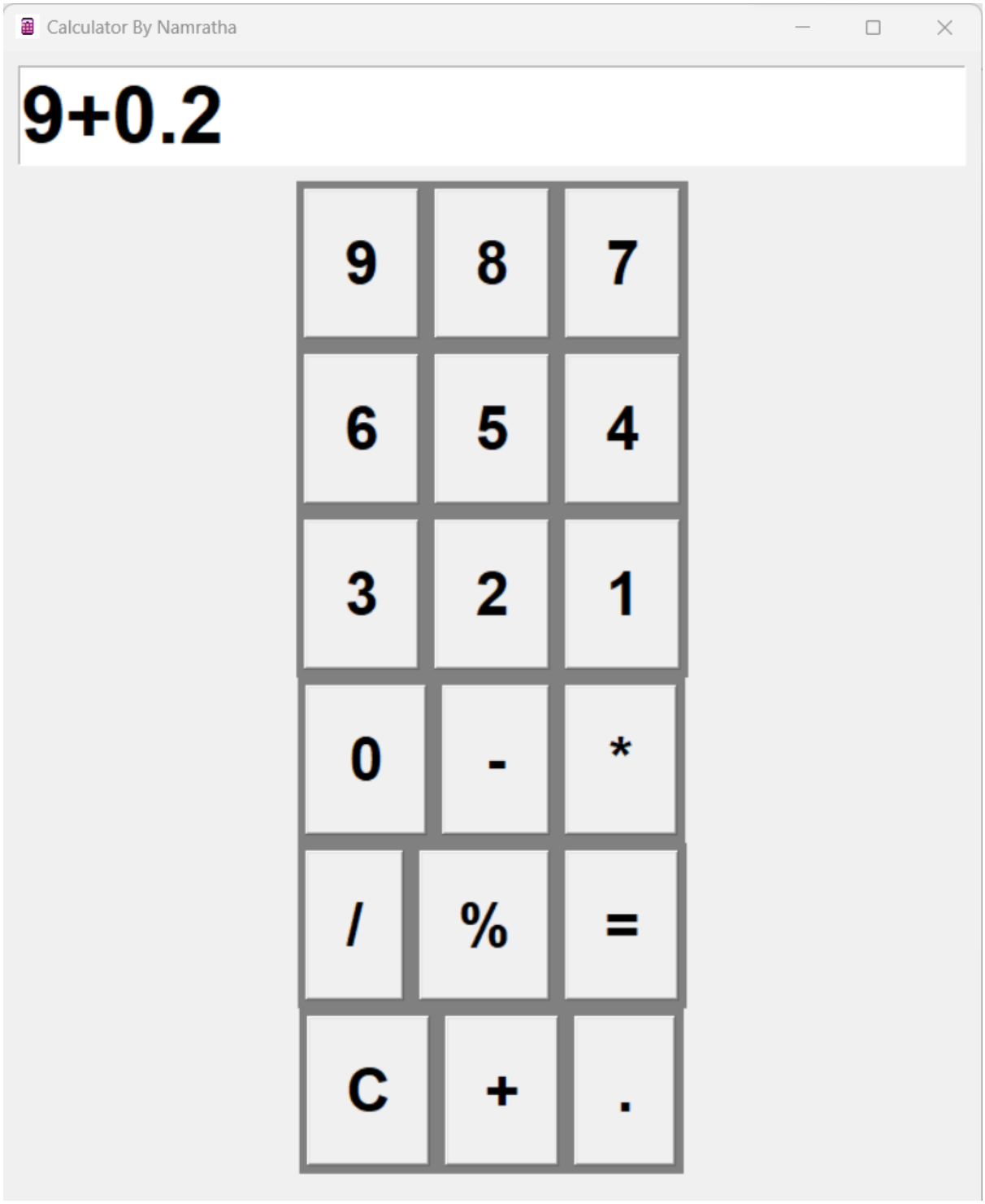
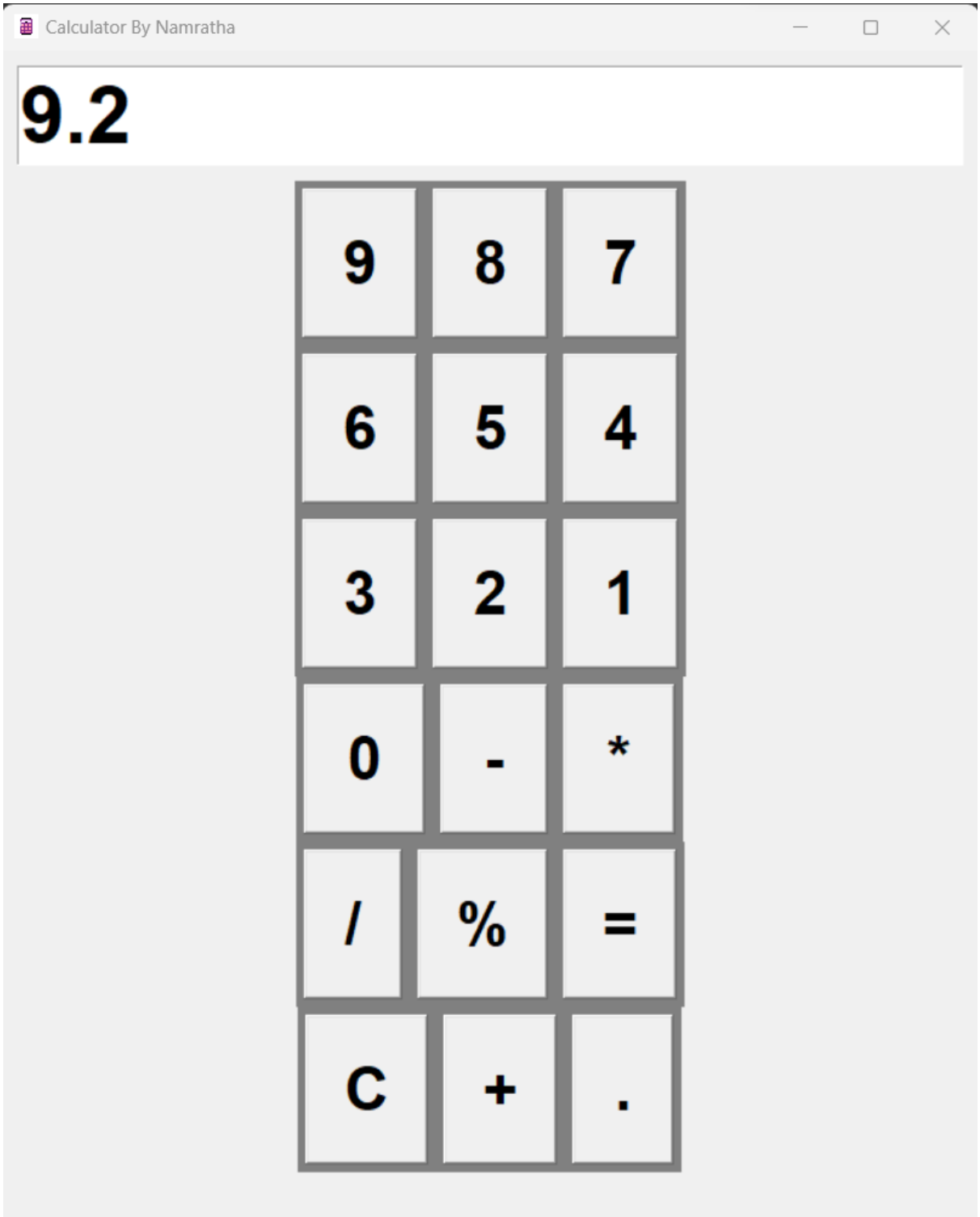
```
b=Button(f,text="6",padx=10,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)

b=Button(f,text="5",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="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")
```

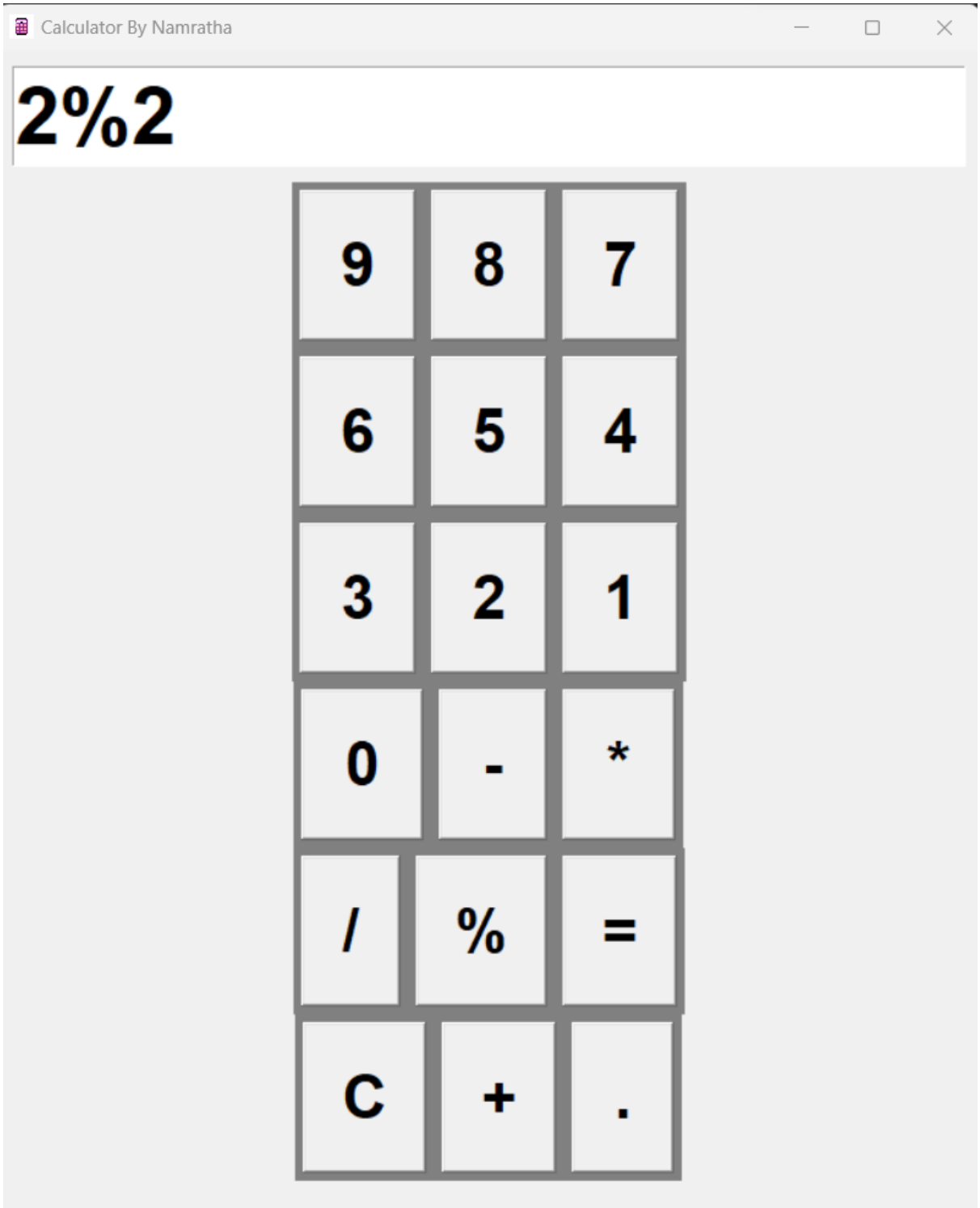
```
b=Button(f,text="%",padx=9,pady=10,font="lucida 30 bold")
b.pack(side=LEFT,padx=5,pady=5)
b.bind("<Button-1>",click)

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()
```

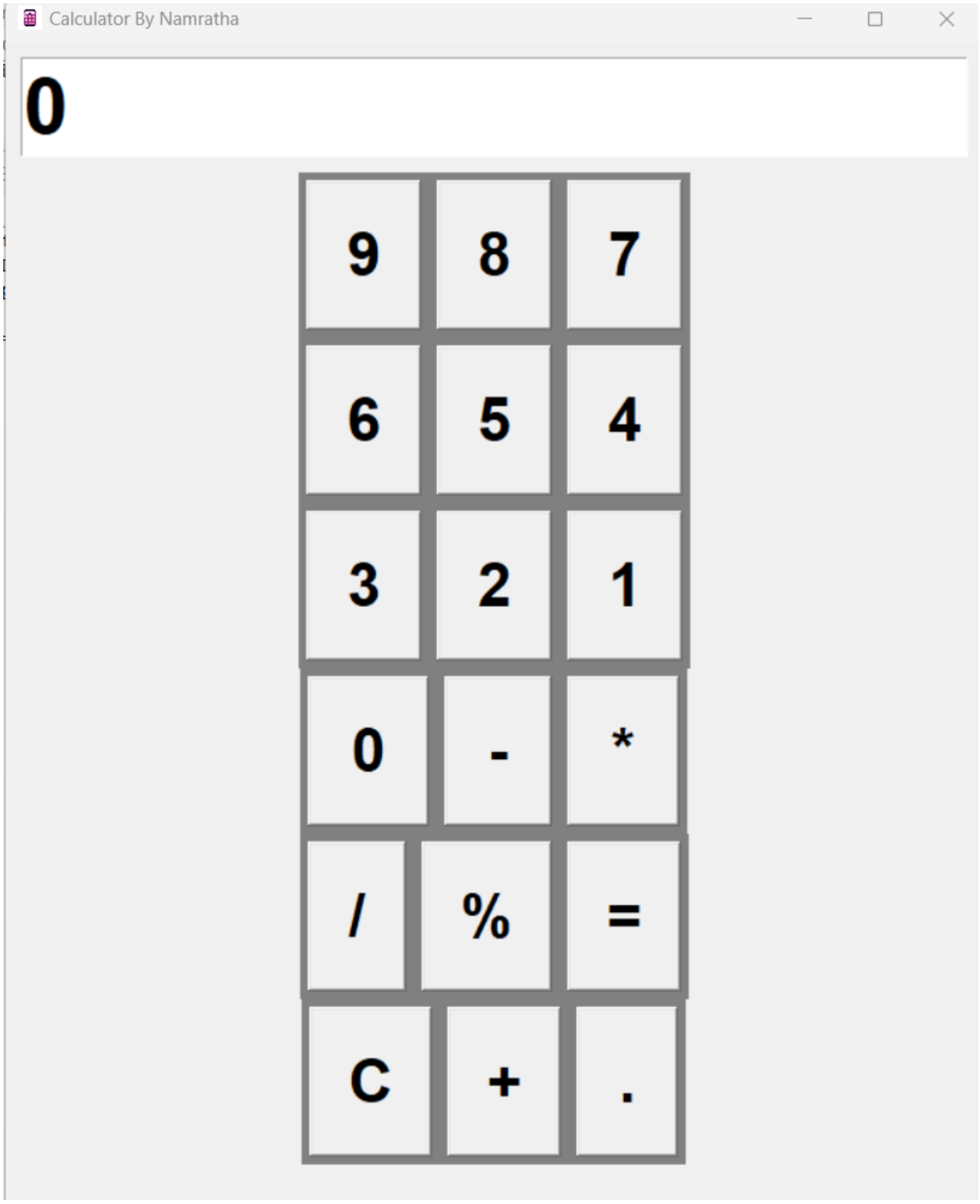
Output:

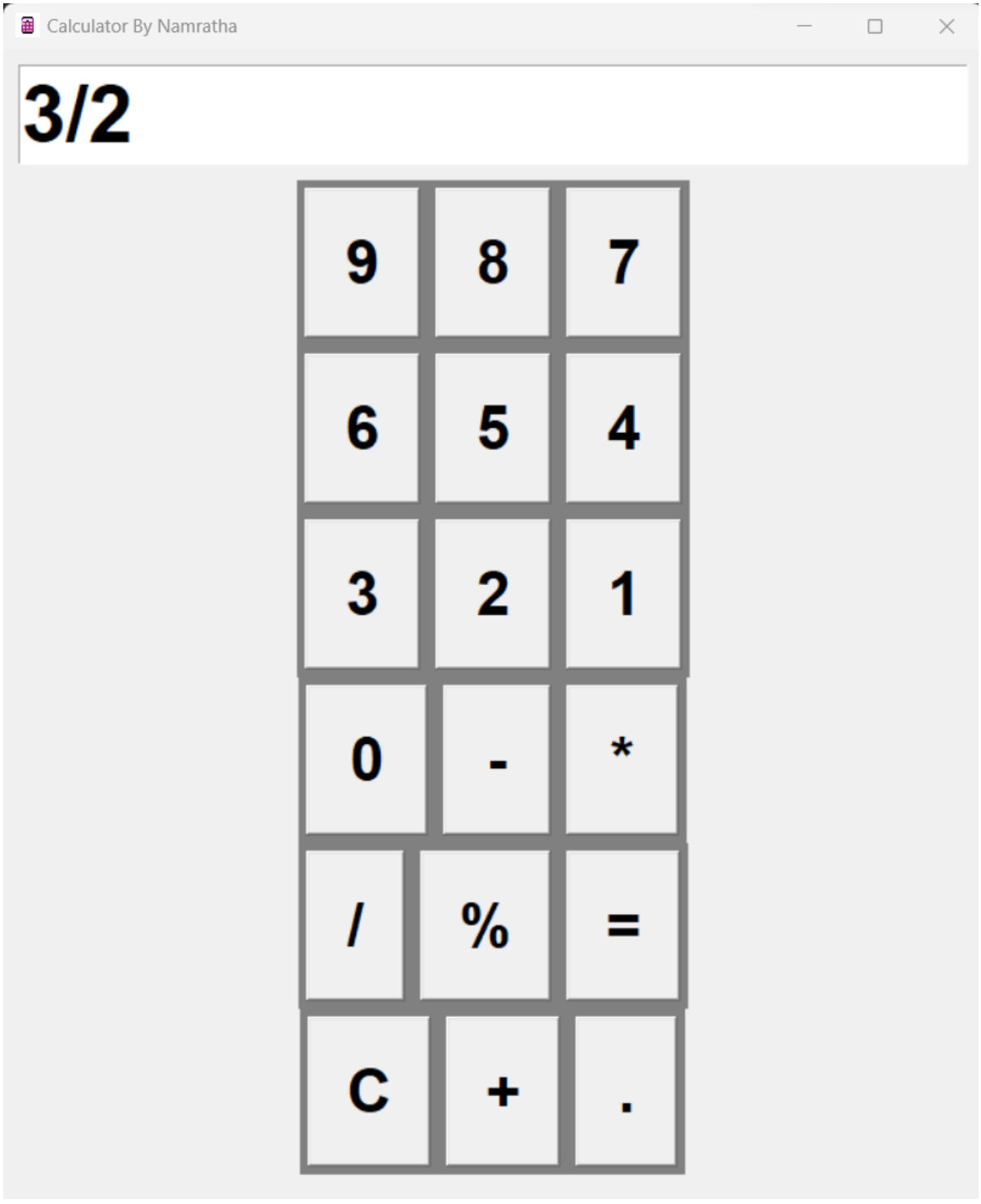


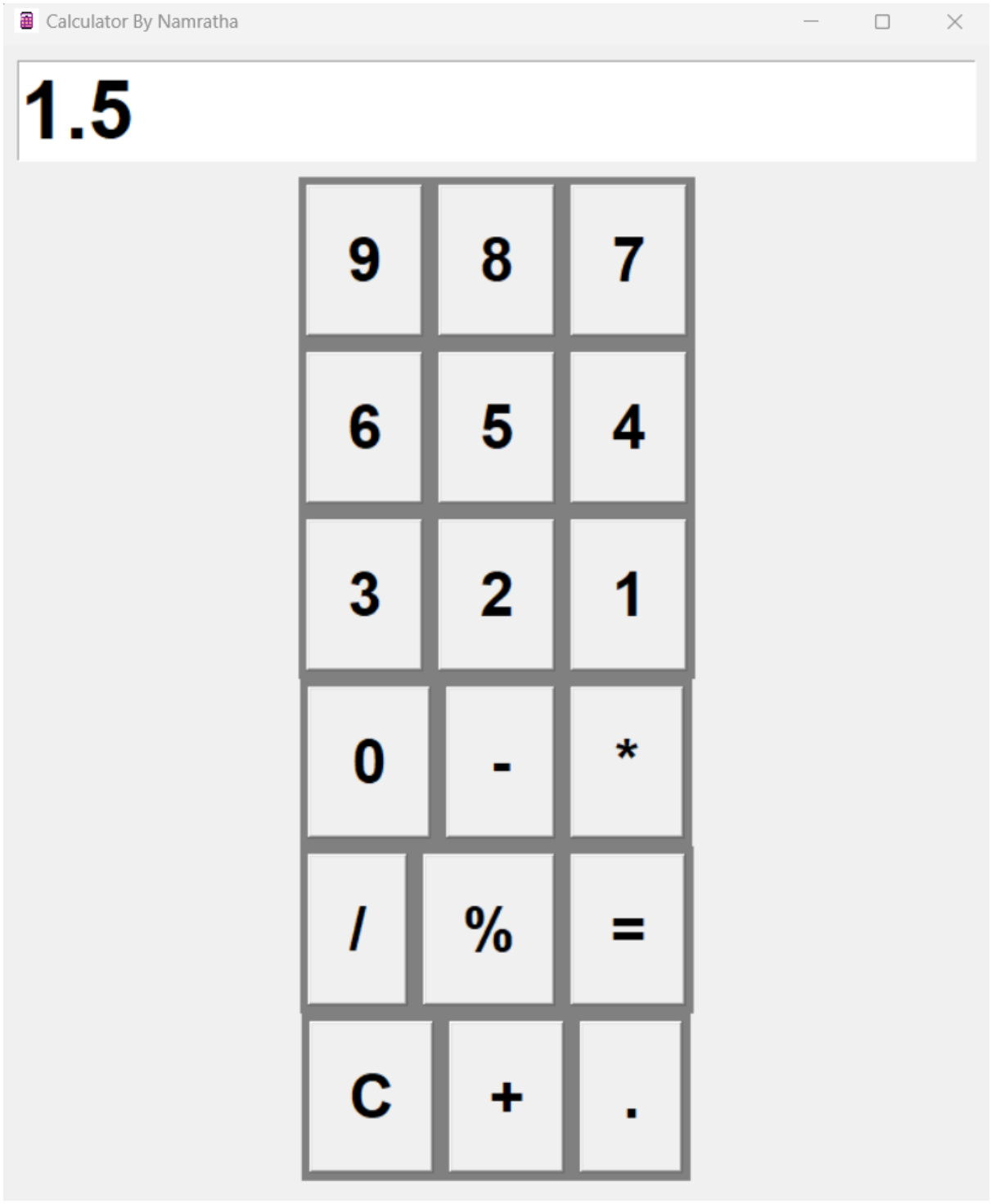

Calculator By Namratha
9+0.2
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.

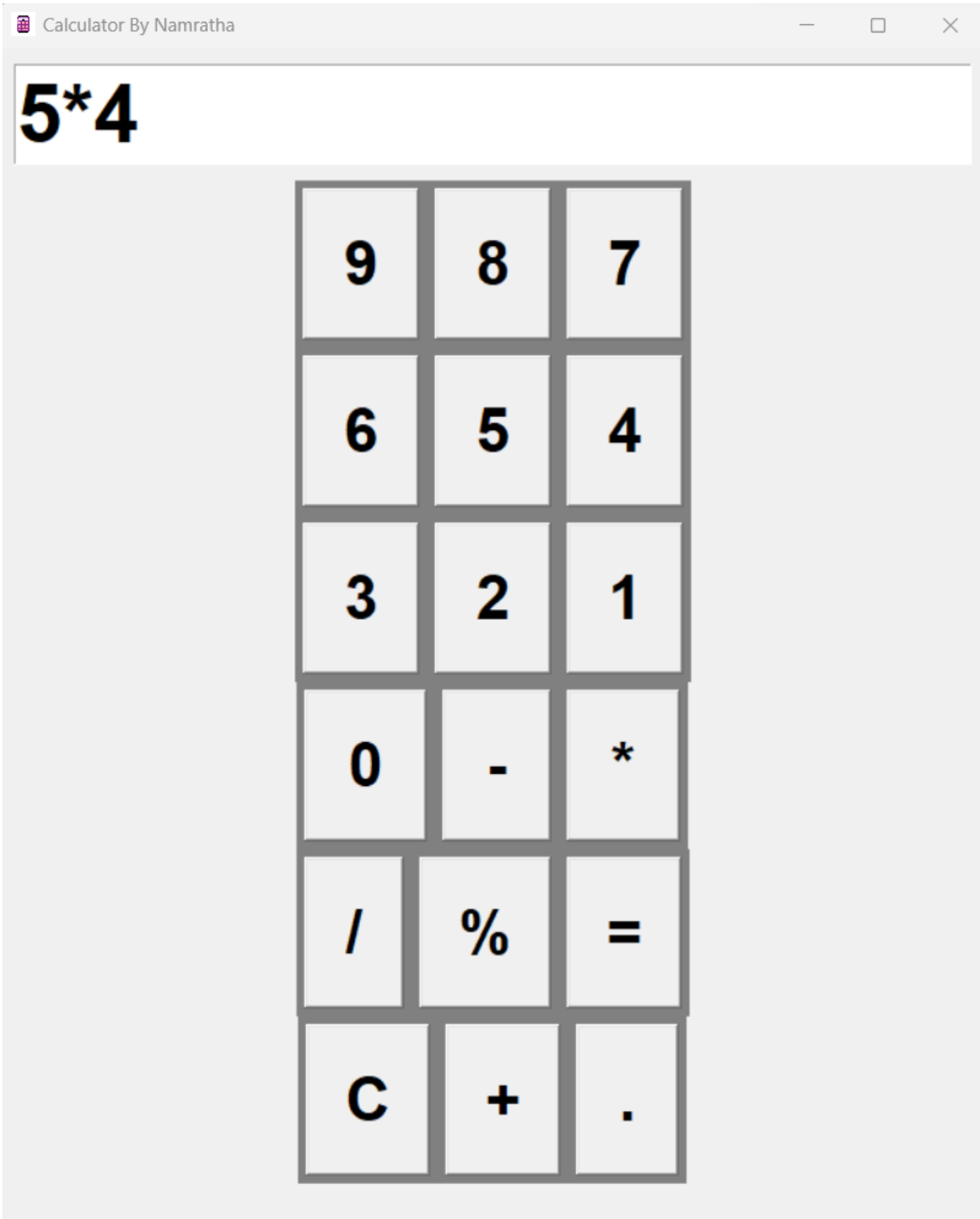

Calculator By Namratha
9.2
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.

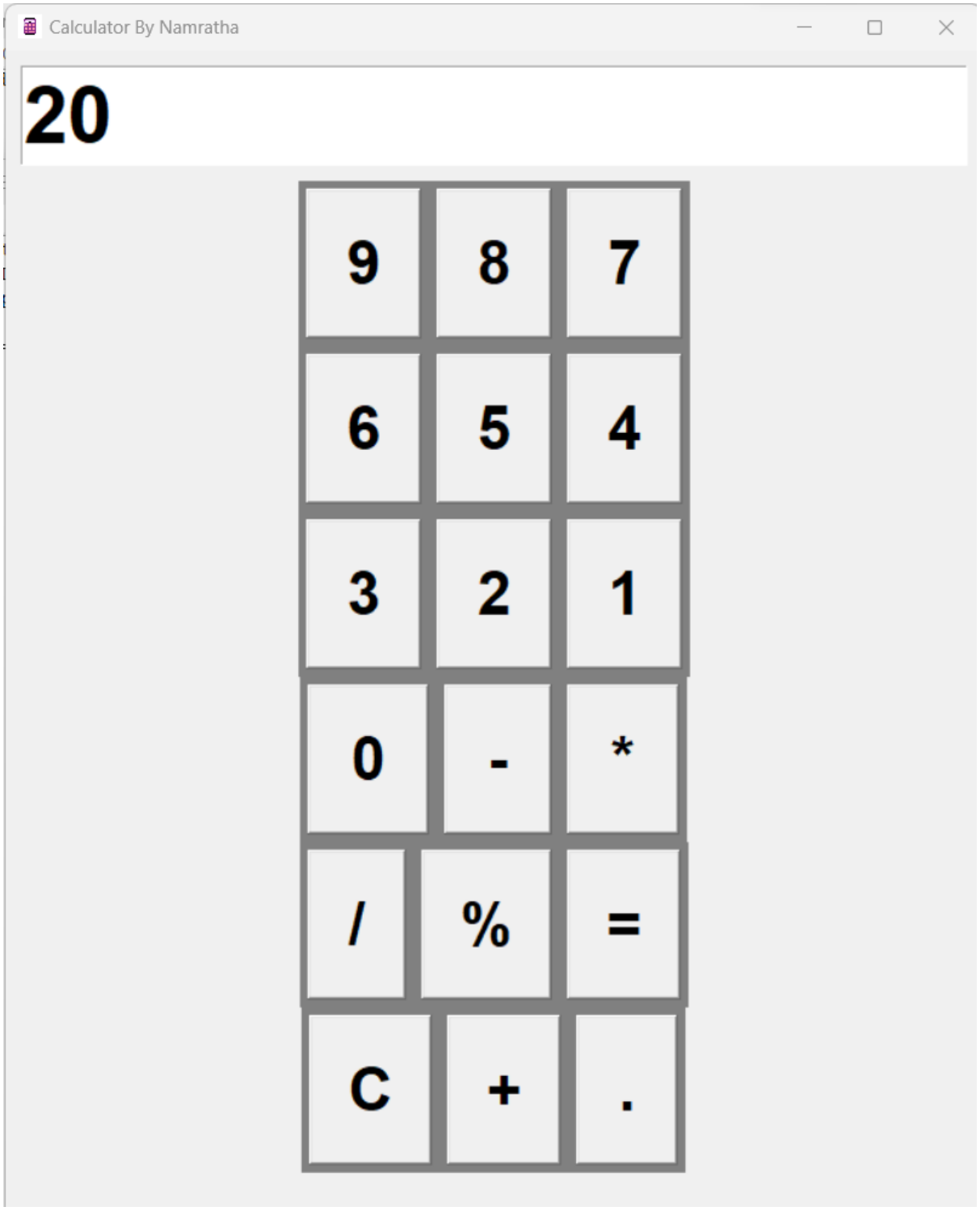

Calculator By Namratha
2%2
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.

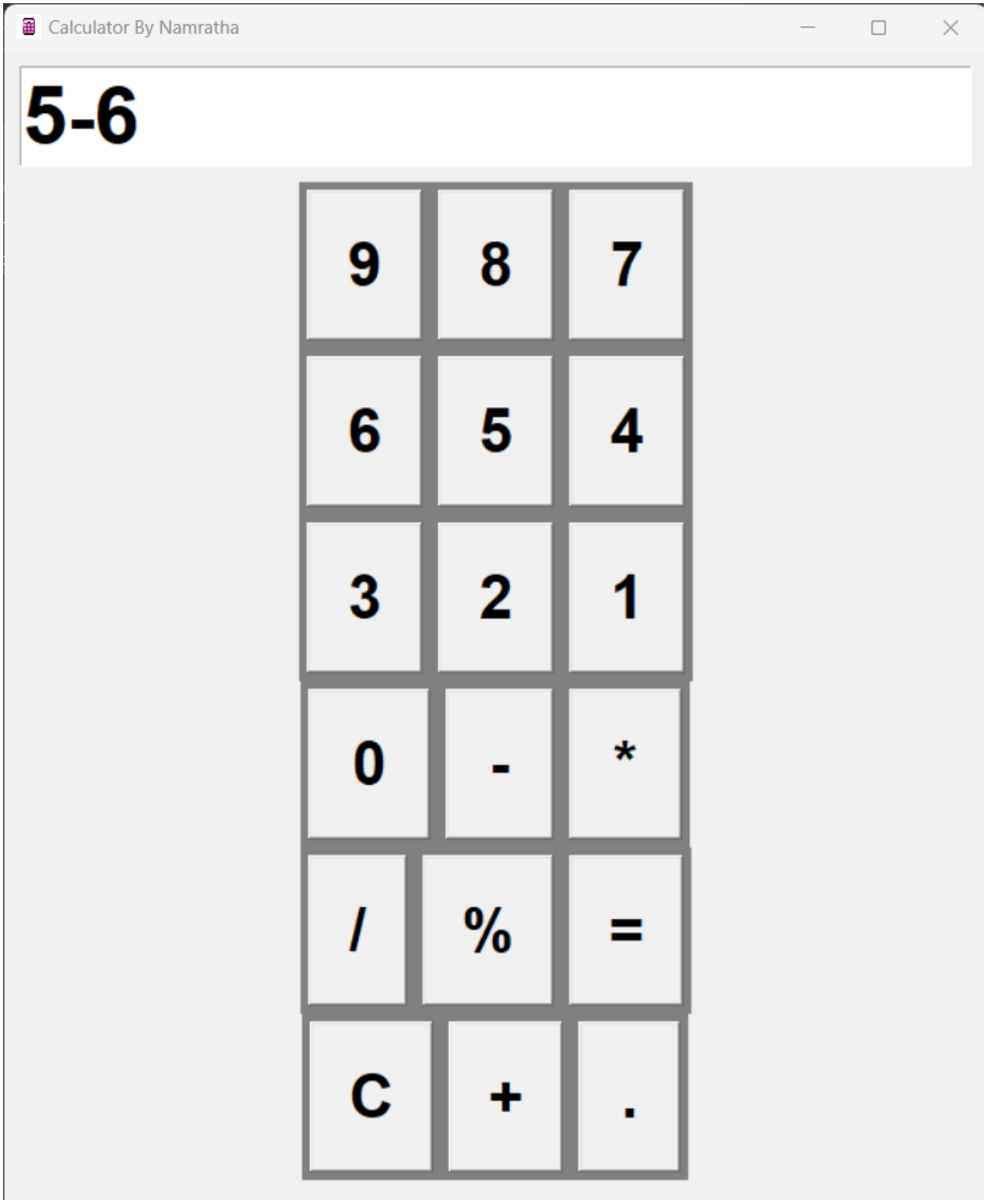

Calculator By Namratha
0
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.

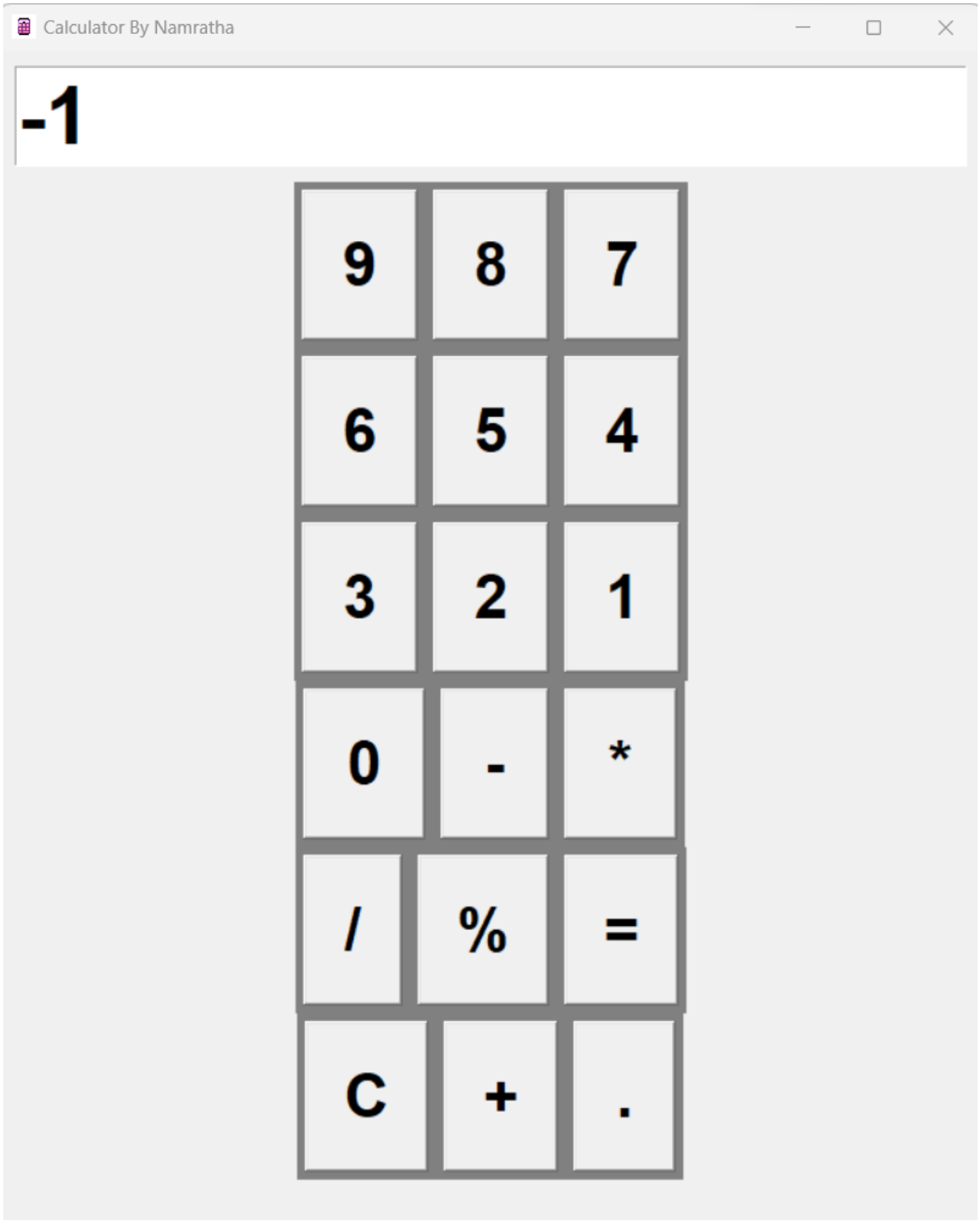

Calculator By Namratha
3/2
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.


Calculator By Namratha
1.5
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.


Calculator By Namratha
5*4
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.


Calculator By Namratha
20
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.


Calculator By Namratha
5-6
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.


Calculator By Namratha
-1
9
8
7
6
5
4
3
2
1
0
-
*
/
%
=
C
+
.