




c0119292 再投稿



 1 contributor

104 lines (95 sloc) | 2.97 KB



```
1  from ast import Num
2  import tkinter as tk
3  import tkinter.messagebox as tkm
4  from turtle import right
5
6  def button_click(event):
7      btn=event.widget
8      num=btn["text"]
9      if num=="=":
10         entry1.insert(tk.END,entry.get())
11         res=eval(entry1.get())
12         entry1.delete(0,tk.END)
13         entry.delete(0,tk.END)
14         entry.insert(tk.END,res)
15     elif num=="C":
16         entry.delete(0,tk.END)
17         entry1.delete(0,tk.END)
18     elif num=="上C":
19         entry1.delete(0,tk.END)
20     elif num=="下C":
21         entry.delete(0,tk.END)
22     elif num=="x":
23         num="*"
24         k=entry1.get()
25         k=list(k)
26         m=entry.get()
27         if m==" " and (k[-1]=="+" or k[-1]=="-" or k[-1]=="*" or k[-1]=="/"):
28             k[-1]=num
29             km = "".join(k)
30             entry1.delete(0,tk.END)
31             entry1.insert(tk.END,km)
32     else:
```

```
33         entry1.insert(tk.END, entry.get())
34         entry1.insert(tk.END, num)
35         entry.delete(0, tk.END)
36     elif num=="+":
37         num="+"
38         k=entry1.get()
39         k=list(k)
40         m=entry.get()
41         if m==" and (k[-1]=="+" or k[-1]=="-" or k[-1]=="*" or k[-1]=="/)":
42             k[-1]=num
43             km = "".join(k)
44             entry1.delete(0, tk.END)
45             entry1.insert(tk.END, km)
46         else:
47             entry1.insert(tk.END, entry.get())
48             entry1.insert(tk.END, num)
49             entry.delete(0, tk.END)
50     elif num=="-":
51         num="-"
52         k=entry1.get()
53         k=list(k)
54         m=entry.get()
55         if m==" and (k[-1]=="+" or k[-1]=="-" or k[-1]=="*" or k[-1]=="/)":
56             k[-1]=num
57             km = "".join(k)
58             entry1.delete(0, tk.END)
59             entry1.insert(tk.END, km)
60         else:
61             entry1.insert(tk.END, entry.get())
62             entry1.insert(tk.END, num)
63             entry.delete(0, tk.END)
64     elif num=="÷":
65         num="/"
66         k=entry1.get()
67         k=list(k)
68         m=entry.get()
69         if m==" and (k[-1]=="+" or k[-1]=="-" or k[-1]=="*" or k[-1]=="/)":
70             k[-1]=num
71             km = "".join(k)
72             entry1.delete(0, tk.END)
73             entry1.insert(tk.END, km)
74         else:
75             entry1.insert(tk.END, entry.get())
76             entry1.insert(tk.END, num)
77             entry.delete(0, tk.END)
78     else:
79         entry.insert(tk.END, num)
80
81 if __name__ == "__main__":
82
83     root=tk.Tk()
84     root.title("お試し")
```

```
85
86 entry1=tk.Entry(root,justify="right",width=20,font=("Times New Roman",20))
87 entry1.grid(row=0,column=1,columnspan=10)
88
89
90 entry=tk.Entry(root,justify="right",width=10,font=("Times New Roman",40))
91 entry.grid(row=1,column=1,columnspan=10)
92
93
94 for l,i in enumerate(["C","上C","下C","",7,8,9,"+",4,5,6,"-",1,2,3,"x","",0,"=", "÷"]):
95     button=tk.Button(root,text=f"{i}",
96                       font=("Helvetica",30),
97                       width=4,height=1,
98                       command=button_click)
99     button.bind("<1>",button_click)
100     k=l%4+1
101     j=l//4+2
102     button.grid(row=j,column=k)
103
104 root.mainloop()
```