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Code Issues 4 Pull requests Actions Projects Wiki Security Insights

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Now, GitHub will help potential first-time contributors discover issues labeled with good first issue

Labels Milestones New

Filters is:issue is:open

4 Open 0 Closed

Author Label Assignee Sort

説明が欲しい 1
#4 opened 14 minutes ago by c0a21151

コメントアウトを削除する 1
#3 opened 20 minutes ago by c0a2187f6

改行 2
#2 opened 7 days ago by c0a21151

ここ改行 2
#1 opened 7 days ago by c0a2187f6

ProTip! Exclude your own issues with -author:MomonoKawabata.

92 lines (67 sloc) | 1.92 KB

```python
import tkinter as tk
import tkinter.messagebox as tkm
import math

# 練習３
def enter_bg(event):
    event.widget['bg']= '#CCFFFF' #色変え


def leave_bg(event):#マウスが離れたときに元の色に戻る
    event.widget['bg']= 'SystemButtonFace'


def button_click(event):
    btn = event.widget
    num = btn["text"]

    if num == "=":
        siki=entry.get()
        res=eval(siki)
        entry.delete(0,tk.END)
        entry.insert(tk.END,res)
    elif num == "c": #全消し
        entry.delete(0,tk.END)
    elif num == "+/-":
        num *= -1

    else: # 「=」以外のボタン字
        #tkm.showinfo("", f"{num}ボタンがクリックされました")
        # 練習６
        entry.insert(tk.END, num)


# 練習１
root = tk.Tk()
root.geometry("400x500")

# 練習４
```

```python
entry = tk.Entry(root, justify="right", width=10, font=("",40))
entry.grid(row=0, column=0, columnspan=4)

# 練習２
r, c = 1, 0
for num in range(9, 0, -1):
    button = tk.Button(root, text=f"{num}", width=4, height=2, font=("", 30))
    button.grid(row=r, column=c)
    button.bind("<Enter>", enter_bg)
    button.bind("<Leave>", leave_bg)


    button.bind("<1>", button_click)
    c += 1
    if c%3 == 0:
        r += 1
        c = 0


# 練習５

operators1 = ["+/-",0,"."]
for ope1 in operators1:
    button1 = tk.Button(root, text=f"{ope1}", width=4, height=2, font=("", 30))
    button1.grid(row=r, column=c)

    button1.bind("<1>", button_click)
    button1.bind("<Enter>", enter_bg)
    button1.bind("<Leave>", leave_bg)
    c += 1
    if c%3 == 0:
        r += 1
        c = 0

operators2 = ["c","+","-","="]
c=4
r=1
for ope2 in operators2:
    button2 = tk.Button(root, text=f"{ope2}", width=4, height=2, font=("", 30))
    button2.grid(row=r, column=c)

    button2.bind("<1>", button_click)
    button2.bind("<Enter>", enter_bg)
    button2.bind("<Leave>", leave_bg)


    if c%4 == 0:
        r += 1
        c = 4



root.mainloop()
```

第2回

超高機能電卓（ex02/calc.py）

追加機能

- ボタンの配置の変更
- 全消去ボタンの追加
- マウスオーバーしたら色がつく

ToDo

- [ ] -を付ける:+/-ボタン
- [ ] 四則演算
- [ ] 小数点を2つ以上つけない:.ボタン