

In [2]: `from tkinter import *`

```
root = Tk()
root.title("Simple Calculator")
root.geometry("570x600+100+200")
root.resizable(False, False)
root.configure(bg="#17161b")

equation = ""

def show(value):
    global equation
    equation += value
    label_result.config(text=equation)

def clear():
    global equation
    equation = ""
    label_result.config(text=equation)

def calculate():
    global equation
    try:
        result = eval(equation)
        equation = str(result)
        label_result.config(text=equation)
    except Exception as e:
        equation = ""
        label_result.config(text="Error")

label_result = Label(root, width=25, height=2, text="", font=("arial", 30))
label_result.pack()

Button(root, text="C", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#3697f5", command=clear).pack(side="right", padx=5, pady=5)
Button(root, text="/", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("/")).pack(side="right", padx=5, pady=5)
Button(root, text="%", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("%")).pack(side="right", padx=5, pady=5)
Button(root, text="*", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("*")).pack(side="right", padx=5, pady=5)

Button(root, text="7", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("7")).pack(side="right", padx=5, pady=5)
Button(root, text="8", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("8")).pack(side="right", padx=5, pady=5)
Button(root, text="9", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("9")).pack(side="right", padx=5, pady=5)
Button(root, text="-", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("-")).pack(side="right", padx=5, pady=5)

Button(root, text="4", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("4")).pack(side="right", padx=5, pady=5)
Button(root, text="5", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("5")).pack(side="right", padx=5, pady=5)
Button(root, text="6", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("6")).pack(side="right", padx=5, pady=5)
Button(root, text="+", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("+")).pack(side="right", padx=5, pady=5)

Button(root, text="1", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("1")).pack(side="right", padx=5, pady=5)
Button(root, text="2", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("2")).pack(side="right", padx=5, pady=5)
Button(root, text="3", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("3")).pack(side="right", padx=5, pady=5)
Button(root, text="0", width=11, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show("0")).pack(side="right", padx=5, pady=5)

Button(root, text=".", width=5, height=1, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#2a2d36", command=lambda: show(".")).pack(side="right", padx=5, pady=5)
Button(root, text="=", width=5, height=3, font=("arial", 30, "bold"), bd=1, fg="ffff", bg="#fe9037", command=calculate).pack(side="right", padx=5, pady=5)

root.mainloop()
```

In []:

In []:

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