import tkinter as tk

def click(event):

text = event.widget.cget("text")

if text == "=":

try:

result = str(eval(str(entry.get())))

entry.delete(0, tk.END)

entry.insert(0, result)

except Exception as e:

entry.delete(0, tk.END)

entry.insert(0, "Error")

elif text == "C":

entry.delete(0, tk.END)

else:

entry.insert(tk.END, text)

root = tk.Tk()

root.geometry("300x400")

root.title("Simple Calculator")

entry = tk.Entry(root, font="Arial 20", bd=10, relief=tk.SUNKEN, justify="right")

entry.pack(fill=tk.BOTH, ipadx=8)

button\_frame = tk.Frame(root)

button\_frame.pack()

buttons = [

["7", "8", "9", "/"],

["4", "5", "6", "\*"],

["1", "2", "3", "-"],

["C", "0", "=", "+"]

]

for row in buttons:

row\_frame = tk.Frame(button\_frame)

row\_frame.pack(expand=True, fill="both")

for btn\_text in row:

btn = tk.Button(row\_frame, text=btn\_text, font="Arial 18", relief=tk.RIDGE, bd=5)

btn.pack(side=tk.LEFT, expand=True, fill="both")

btn.bind("<Button-1>", click)

root.mainloop()