

```
import tkinter as tk
from tkinter import messagebox
def clicar (botao):
    if botao == "=":
        try:
            resultado = eval (entrada.get())
            entrada.delete(0, tk.END)
        except:
            entrada.insert(tk.END, str(resultado))
    elif botao == "C°":
        messagebox.showerror("Erro", "Expressão inválida")
        entrada.delete(0, tk.END)
    else:
        entrada.insert (tk.END, botao)
root = tk.Tk()
root.title("Calculadora")
entrada = tk.Entry (root, justify="right", font=("Arial", 16))
entrada.grid(row=0, column=0, columnspan=4, padx=5, pady=5)
 botoes = [7°, 8°, 9°, /, -, *, 5, 96°, 19-2--3°--0
 °, .., ∪, C]
for linha in range(1,6):
    for coluna in range(4) :
        b = botoes[linha * 4 + coluna]
        tk.Button(root, text=b, width=10, height=2, font=(Arial, 14),
            command=lambda x=b: clicar(x)).grid(row=linha,
            column=coluna, padx=5, pady=5)
root.mainloop()
```