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import tkinter as tk
from tkinter import messagebox

def clicar(botao):
    if botao == "=":
        try:
            resultado = eval (entrada.get())
            entrada.delete(0, tk.END)
            entrada.insert(tk.END, str(resultado))
        except:
            messagebox.showerror("Erro", "Expressão invalida")
    elif botao == "C":
        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', '/', '4', '5', '6', '*', '1', '2', '3', '-', '0', '.', 'C', '+', '=']
i = 0
for linha in range (1,6):
    for coluna in range(4):
        if i < len(botoes):
            b = botoes[i]
            tk.Button(root, text=b, width=5, height=2, font=("Arial",14),
                command = lambda x=b: clicar(x)).grid(row=linha,
                column=coluna, padx=5, pady=5)

            i+= 1
root.mainloop()

```