

NAME: NATHAN SIKALO

REG NO : SCT212-0189/2022

NETWORK SYSTEM ADMINISTRATION

PYTHON CALCULAOR CODE

```
import tkinter as tk
```

```
def on_click(event):
```

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

```
    if text == "=":
```

```
        try:
```

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

```
            entry.delete(0, tk.END)
```

```
            entry.insert(tk.END, str(result))
```

```
        except Exception as e:
```

```
            entry.delete(0, tk.END)
```

```
            entry.insert(tk.END, "Error")
```

```
    elif text == "C":
```

```
        entry.delete(0, tk.END)
```

```
    else:
```

```
        entry.insert(tk.END, text)
```

```
root = tk.Tk()
```

```
root.geometry("400x600")
```

```
root.title("Calculator")
```

```
entry = tk.Entry(root, font=("Arial", 20))
```

```
entry.pack(fill=tk.X, padx=10, pady=10, ipadx=8, ipady=8)
```

```
button_frame = tk.Frame(root)
```

```
button_frame.pack()
```

```
buttons = [
```

```
    "7", "8", "9", "/",
```

```
    "4", "5", "6", "*",
```

```
    "1", "2", "3", "-",
```

```
    "0", "C", "=", "+"
```

```
]
```

```
i = 0
```

```
for button in buttons:
```

```
    btn = tk.Button(button_frame, text=button, font=("Arial", 20), width=5, height=2)
```

```
    btn.grid(row=i // 4, column=i % 4)
```

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

```
    i += 1
```

```
root.mainloop()
```