# **SC&D LAB**

## **TASK 09**

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#### LINK

https://github.com/Dani78662/TkCalculator-65468.git

### CODE

```
import tkinter as tk
def calculate(operation=None):
    try:
        expression = result var.get()
        if operation == 'equal':
            result = eval(expression)
            result var.set(str(result))
        elif operation == 'clear':
            result var.set('')
        else:
            result_var.set(expression + operation)
    except Exception:
        result_var.set('Error')
root = tk.Tk()
root.title('Calculator')
root.geometry('300x400')
root.resizable(False, False)
root.configure(bg='#2C2F33')
result_var = tk.StringVar()
result_entry = tk.Entry(root, textvariable=result_var, font=('Arial', 18),
bd=10, insertwidth=2, width=14, borderwidth=4, justify='right', bg='#23272A',
fg='white')
result_entry.grid(row=0, column=0, columnspan=4, pady=10)
def create_button(text, row, col, bg_color, fg_color, command=None):
    return tk.Button(root, text=text, padx=20, pady=15, font=('Arial', 12),
bg=bg_color, fg=fg_color, activebackground='#7289DA',
command=command).grid(row=row, column=col)
```

#### **OUTPUT**

