

## Calculator Program:

### Good Code:

- DRY Code: The correct calculator program uses DRY styles by keeping only a singular section for each function, and not adding any unnecessary repetition to the functions. This stays true inside the actual functions and in the main function when called.
- Document Your Code: The calculator code is commented upon in necessary areas, explaining functionality of the section or line. Commenting is limited to the necessary areas only, avoiding too many comments or a repetition of the same information.
- Single Responsibility: The calculator class has the sole responsibility of computing calculations based on the inputs and operators. Each function within the class has the responsibility of a single calculation, separate from the others.

### Bad Code:

- KISS: The incorrect calculator program has an abundance of unnecessary repetition, from the extra passed class, to the simulated loading screen. These components completely remove any simplicity and understanding from the program.
- Clean Code: The incorrect code uses abnormal spacing consistencies that separate and combine things without concern for readability. Additionally, the input and output prints are not consistent across the program, especially in the result/answer print statements.
- Document Your Code: The incorrect code includes comments that do not add any value of understanding to viewers. Comments are repetitive, and sometimes incorrectly demonstrate the functionality of the code.