**Description:**

Our Code shows the difference between poorly structured and well structured code for a calculator. The Bad Code was made to violate multiple programming practices, while the good code was made to follow those practices.

**Practices Used/ Not Used**

1. **DRY**
   1. In the Bad Code the calculator logic is duplicated many times, mixing logic and input/output, instead of reusing the functions. The Good Version uses reusable functions to remove all the clutter.
2. **Single Responsibility Principle**
   1. The bad Version has the logic, input and output all mixed up with the functions.
   2. The Good Version separates the tasks by organized functions.
3. **KISS**
   1. The Bad Version is messy with unnecessary repetition and no abstraction
   2. The Good Version has a clean organized and minimal structure to it, it uses a loop and simple flow.
4. **Clean Code**
   1. The Bad Code has bad formatting, unclear variable names, and a lack of comments.
   2. The Good Code has consistent formatting, clear comments, and clear variable names.