**ASSIGN #2**

Create a program in C++ or other object-oriented programming language to count the total LOC in each object the program contains, the number of functions in each object, and the total LOC of the entire program,

Output:

1. Name and LOC belonging to each object in the program.

* Number of functions each object has.

1. Total LOC of the entire program.

Test Case:

Print the outputs of testing the program on Assign #1 and itself, Assign #2

Results:

Create a table of the number of LOC from Assign #1 and Assign #2. Use the format of the example table shown below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Program Number** | **Object**  **Name** | **Number of Methods** | **Object LOC** | **Total**  **program LOC** |
| Assign #1 | ABC | 3 | 86 |  |
|  | DEF | 2 | 8 |  |
|  | GHI | 4 | 92 |  |
|  |  |  |  | 212 |
| Assign #2 | …. |  |  |  |

For coding standards, follow the Google Style Guide

C++: <https://google.github.io/styleguide/cppguide.html>

Java: <https://google.github.io/styleguide/javaguide.html>

Python: <https://google.github.io/styleguide/pyguide.html>