Helloworld Report

Total Lines (PLOC): 112
Executable Lines (LOC): 80
Comment Lines: 0

Detailed Observations

1. **Lines of Code (LOC): Helloworld Report**

   - The code comprises 148 lines, including:
     - Blank lines for readability
     - Physical lines of code (PLOC)
     - Comment lines (none present)

2. **Physical Lines of Code (PLOC):**

   - Out of the total 148 lines, 132 lines contain executable code, excluding blank and comment lines.

3. **Comments:**

   - **Count: 0**
     - The absence of comments indicates:
       - No inline documentation or explanations of the code's logic.
       - Potential challenges in readability and maintainability for future developers.

Recommendations

1. **Enhance Commenting:**

   - Introduce comments to elucidate complex sections, improving code maintainability and aiding other developers in understanding the logic.

2. **Adopt Documentation Standards:**

   - Utilize JavaDoc to document classes, methods, and interfaces, providing structured and standardized in-code documentation.

Conclusion

The code exhibits a well-organized structure with clear separation of responsibilities across classes and interfaces. However, the lack of comments may impede readability and maintainability. Implementing the above recommendations will enhance the code's clarity and facilitate future development efforts.

- *Checkstyle*

https://checkstyle.sourceforge.io/ (Documentation)

I used it via a command "checkstyle -c ~/checkstyle/google_checks.xml /Users/ilepeha/SM/
Helloworldjava/HelloWorld.java» in the terminal.

- *Cloc*

https://github.com/AlDanial/cloc (Documentation)

I used it via a command «cloc HelloWorld.java» in the terminal.