MARKING CRITERIA:

Correctness and Efficiency (80%)

- Program compiles without any errors or warnings.

- Program follows requirements and produces correct results for all inputs tested.

- Performs the required tasks efficiently and user-friendly. Note that the program does not need to apply complex mathematic formula to be efficient.

- If the program does not follow requirements, fails to compile, run, or crashes - you may lose up to 100% of the grade (although some marks may be given for the effort).

Code Style (20%)

Check all the requirements below:

- Nice code format (code lines are properly aligned and indented size of 4 spaces, consistent layout of { and }, blank line between two code sections, space between operators, etc.)

- Descriptive comment for each code section

- Descriptive file/function/constant/variable names that follow standard naming convention