

CHECKLIST TO GO THROUGH BEFORE ASSIGNMENT 1 SUBMISSION

COMP9021 PRINCIPLES OF PROGRAMMING

- ☐ The name of each file is correct.
- ☐ The programs compile and run on a School machine.
- ☐ The program is stylistically compliant with our norms, and in particular, is correctly indented. This is supported by the fact that the `mcstyle` script has been run (recall that `mcstyle` needs the `style_sheet.txt` file whose default customisation might have to be changed, depending on preferences) without complaining that any fixed constraint or any other stylistic mismatch has been detected.
- ☐ The program does not contain excessive indentation levels. The specifications mention the maximum number of indentation levels accepted; this value has been assigned to `Maximum level of indentation` in `style_sheet.txt`, and the `mcstyle` script has been run without complaining that any statement with excessive indentation depth has been detected.
- ☐ The outputs of the programs are very precisely what they are meant to be as described in the assignment specifications. The programs output no extra message meant to make the output “look better”. The text that is output, if any, is correct and has no typo.
- ☐ The code contains no magic number. Macros have been used to define the specific values of some parameters (such as the maximum value that a number is expected to take).
- ☐ The code is properly commented, with comments meant to facilitate the task of understanding and modifying the program in a few years time, and with nothing but useful comments that do not tell the obvious.
- ☐ Functions and variables are given as much as possible evocative names that facilitate the task of understanding the program.
- ☐ Every statement is reasonably short. In particular, no test is a boolean combination of conditions that span over many lines.
- ☐ Great time and effort have been invested into making the underlying logic as simple as possible. When simplifications have been envisioned, they have been implemented, even if substantial parts of the program or even the whole program had to be entirely rewritten.

Submit all files expected to be submitted. Your program might successfully run every time you tested it, and fail when I test it. If that is the case, this means that your program is buggy. A correct program gives correct results on all machines, always. A buggy program can potentially give incorrect results on some machines, sometimes.