**DigiPen**
INSTITUTE OF TECHNOLOGY
SINGAPORE

# Programming Assignment Checklist
[CS 225] Advanced C/C++

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Assignment number:  2                      Section:  CS225a

**General:**

✓ Archive file name and structure are correct, including character case; see the submission guidelines.

✓ Archive does not include a top-level folder; the files are located at the root location in the archive.

✓ All required files as included, have correct names and formats; there are no unrequested files.

✓ Archive does not contain any binary files generated during compilation, unless requested.

✓ Every source file includes a documentation header with the name and student information.

✓ Every source file has been checked for consistency of style, including indentation, end-of-line characters, bracket placement, and for good coding practices as learnt in past courses.

**Compilation with required flags is successful without any errors or warnings (or unsuccessful, if required):**

✓ Used the standard version of C++17. If different, please specify: _____

✓ Microsoft Visual C++ (Visual Studio 2019 or newer).

✓ GNU g++ (7.4.0 or newer).

**Documentation uses a correct format and is informative:**

✓ Proper *Doxygen* tags have been used for file headers; always required.

✓ Proper *Doxygen* tags have been used for function headers.

☐ Documentation file *index.chm* has been generated and it is included in the archive, if requested.

**Testing and output checks have been performed:**

✓ Completed all required test cases.

✓ Output of all required test cases has been checked for differences with *diff* tool.

Differences found (other than end-of-line sequence)?          ✓ No     ☐ Yes

✓ Completed additional test cases, not provided with the assignment, if applicable.

**After submission you must ensure that:**

• Archive has been submitted to an appropriate upload location before a due date/time.

• Archive has been tested with all files successfully extracted and the code compiled.

**Acknowledgement:**

This checklist requires no signature.

I understand that filling in the details and including the checklist in the submission archive uploaded from my account is automatically considered an acknowledgement that this is my own solution to the assignment, and that the source code, documentation, and other deliverables represent my individual work.