## Review Form

**Authors’s Name:\_\_Letian Cheng\_\_ Author’s Student No.: \_\_**2019011277**\_\_\_**

**Reviewer’s Name:\_\_\_Wuwei Yuan\_\_ Reviewer’s Student No.: \_\_2020040054\_ Date：05-12**

|  |  |
| --- | --- |
| Makefile  (10%) | 10 |
| Comments | Success. |
| Compilation  (编译正确) (10%) | 10 |
| Comments | Success. |
| Correctness of Results  (结果正确) (40%) | 40 |
| Comments | Correct. |
| Naming Convention  (变量命名合理) (5%) | 5 |
| Comments | Good. |
| Code Formatting  (代码格式合理) (5%) | 5 |
| Comments | Good. |
| Code Comments  (代码注释合格) (5%) | 5 |
| Comments | Good. |
| Other Coding Style and efficiency (代码运行效率) (10%) | 9 |
| Comments | I think it’s better to put the compare functions in the file “SelfSort.h” and “STLSort.h” into the classes to hide those functions from outside. You also forgot to delete the factories and heaps. |
| OOP Design Style  (15%) | 14 |
| Comments | I advise you to separate the functions’ definition from declaration to make your header file more clear. |
| Total Score (0-100) | 98 |
| Overall Comments | Overall good, but you’d better focus more on the coding style. |
| Version of Reviewer’s compiler | g++ (Ubuntu 9.3.0-11ubuntu0~18.04.1) 9.3.0 |

**NOTE:**

1. For coding styles including naming, formatting, code comments, etc., please refer to the Google C++ Style Guide. You may stick to your own coding style if you already have one, provided that your coding style is easy to read and understand by others.

(<https://google.github.io/styleguide/cppguide.html>)

2. OOP design: easy for code reuse (代码复用); easy for extension and adaptability to future change for new user requirements (易于扩展，适应未来用户需求的改变). We will learn these OOP design features throughout this semester.

3. The reviewer (评阅人) is responsible for filling in the review form with both credits (分数) and detailed comments/suggestions (评价/建议) for further improvements (改进), and then returns the review form to the author of the code.

4. Finally, each student needs to submit the improved (改进后的) source code according to the comments, as well as a .doc or .pdf file including the returned review forms and statements on the revised code in reply to the reviewers’ comments.

5. Please comply with our “**Rules for Submission**” when submitting your homework.