## Review Form

**Authors’s Name:曹鼎原 Author’s Student No.: 2017011417**

**Reviewer’s Name:李晨昊 Reviewer’s Student No.: 2017011466 Date：5-25**

|  |  |
| --- | --- |
| **Makefile**  **(10%)** | **10** |
| **Review Comments** | 符合makefile规范 |
| **Compilation**  **(编译正确) (10%)** | 10 |
| **Review Comment** | (更换计时方法后,linux下)编译正确 |
| **Correctness of Results**  **(结果正确) (40%)** | 40 |
| **Review Comment** | 结果正确 |
| **Naming Convention**  **(变量命名合理) (5%)** | 5 |
| **Review Comment** | 命名合理 |
| **Code Formatting**  **(代码格式合理) (5%)** | 4 |
| **Review Comment** | 类名混用了驼峰(PublicInheritanceMatch)和下划线(naive\_algo) |
| **Code Comments**  **(代码注释合格) (5%)** | 5 |
| **Review Comment** | 注释很充分 |
| **Other Coding Style and efficiency (代码运行效率) (10%)** | 10 |
| **Review Comment** |  |
| **OOP Design Style**  **(15%)** | 13 |
| **Review Comment** | PublicInheritanceMatch和naive\_algo具有完全相同的接口，测试其用时不需要把完全一样的代码复制一遍，这很不OOP。可以让他们都继承自一个AbstractMatch然后设计技时函数接受AbstractMatch参数，或者使用模板。  尽量不要使用windows那一套计时方法和C语言那一套随机数和输出(虽然的确快一些)。推荐使用<chrono> <random>这两个头文件中的内容。 |
| **Total Score (up to 100)** | 97 |
| **Overall Review Comments** |  |

**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.

(<http://google-styleguide.googlecode.com/svn/trunk/cppguide.xml>)

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 “**Rules for Submission** (see Lecture 1: Exercises)” when submitting your homework.