## Review Form

**Authors’s Name:马川 Author’s Student No.: 2017011409**

**Reviewer’s Name:李晨昊 Reviewer’s Student No.: 2017011466 Date：5-24**

|  |  |
| --- | --- |
| **Makefile**  **(10%)** | **10** |
| **Review Comments** | 符合makefile规范 |
| **Compilation**  **(编译正确) (10%)** | 10 |
| **Review Comment** | 修改计时方法后编译正确。(linux系统) |
| **Correctness of Results**  **(结果正确) (40%)** | 40 |
| **Review Comment** | 结果正确 |
| **Naming Convention**  **(变量命名合理) (5%)** | 4 |
| **Review Comment** | 函数名混用了upper camel和lower camel。 |
| **Code Formatting**  **(代码格式合理) (5%)** | 4 |
| **Review Comment** | 部分操作符左右缺少空格 |
| **Code Comments**  **(代码注释合格) (5%)** | 1 |
| **Review Comment** | 错误的注释比没有注释恶劣的多。  主函数中写generator.RandomPattern(/\*"pattern.txt",1000000000\*/);  但是实际上 RandomPattern的默认参数是10 |
| **Other Coding Style and efficiency (代码运行效率) (10%)** | 10 |
| **Review Comment** |  |
| **OOP Design Style**  **(15%)** | 11 |
| **Review Comment** | 为两个matcher写了两个计时函数，非常不OOP。事实上它们有完全相同的接口。你可以考虑让他们都继承自一个AbstractMatcher然后接受AbstractMatcher参数。当然了，更加“C++”的解决方案是使用模板。  尽量不要使用windows那一套计时方案，而应该使用stl提供的统一的计时方法std::chrono，这样程序的适用性更强。 |
| **Total Score (up to 100)** | 90 |
| **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.