**Code Review Checklist**

|  |  |  |  |
| --- | --- | --- | --- |
| Student | 阙俊杰；任兵兵 | Date | 2015/7/16 |
| Program | Assignment 8 | Program # |  |
| Instructor | 荣国平 | Language | Java |

|  |  |
| --- | --- |
| Purpose | To guide you in conducting an effective code review |
| General | * Review the entire program for each checklist category; do not attempt to review for more than one category at a time! * As you complete each review step, check off that item in the box at the right. * Complete the checklist for one program or program unit before reviewing the next. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Complete | Verify that the code covers all of the design. | Y |  |  |  |
| Initialization | Check variable and parameter initialization.   * at program initiation * at start of every loop * at class/method/procedure entry | Y |  |  |  |
| Reference | Check function reference formats.   * parameters | Y |  |  |  |
| Names | Check name spelling and use.   * Is it consistent? * Is it within the declared scope? | Y |  |  |  |
| Output Format | Check the output format.   * Line stepping is proper. * Spacing is proper. | Y |  |  |  |
| () {}Pairs | Ensure that () and {} are proper and matched. | Y |  |  |  |
| Logic Operators | * Verify the proper use of ==(equals), =, ||, and so on. * Check every logic function for (). | Y |  |  |  |
| Line-by-line check | Check every line of code for   * instruction syntax * proper punctuation | Y |  |  |  |
| Standards | Ensure that the code conforms to the coding standards. | Y |  |  |  |
| File Open and Close | Verify that all files are   * properly declared * opened * closed | Y |  |  |  |