**Code Review Checklist Template**

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| Student | Hector Manuel Takami Flores | Date | 7/04/18 |
| Program | 7 | Program # | 7 |
| Instructor | Adriana Bojorquez | Language | Java |

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| --- | --- |
| 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. |

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|  |  | I/O | A | B0 | B1 | R | M | G | f | TA | C | X | S | R |
| COMPLETE | Verify that the code covers all of the design. | Ok | Ok | ok | Ok | Ok | ok | ok | ok | ok | ok | ok | ok | ok |
| INCLUDES | Verify that the includes are complete. | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| INITIALIZATION | Check variable and parameter initialization.   * at program initiation * at start of every loop * at class/function/procedure entry | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Oko |
| CALLS | Check function call formats.   * parameters | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| NAMES | Check name spelling and use.   * Is it consistent? * Is it within the declared scope? * Do all structures and classes use ‘.’ reference? | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| STRINGS | Check that all strings are   * identified by pointers * terminated by NULL | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| OUTPUT FORMAT | Check the output format.   * Line stepping is proper. * Spacing is proper. | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| () PAIRS | Ensure that () are proper and matched. | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| LOGIC OPERATORS | * Verify the proper use of ==, =, ||, and so on. * Check every logic function for (). | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| LINE-BY-LINE CHECK | Check every line of code for   * instruction syntax * proper punctuation | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Okk | Ok | Ok | Ok | Ok | Ok |
| STANDARDS | Ensure that the code conforms to the coding standards. | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |
| FILE OPEN AND CLOSE | Verify that all files are   * properly declared * opened * closed | Ok | ok | Ok | ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok | Ok |