**Code Review Checklist**

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| Student | Sandra V. Londoño, Oscar C. Lopera, Yeifer A. Herrera | Date | 2017 / 09 / 21 |
| Program | Calculo de rangos relativos de tamaño | Program # | 4 |
| Instructor | Juan Carlos Marin | Language | Java |

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| Name | Description | Yes | No |
| Complete | Verify that the code covers all of the design. | X |  |
| Includes | Verify that the includes are complete. | X |  |
| Initialization | Check variable and parameter initialization.   * at program initiation * at start of every loop * at class/function/procedure entry | X |  |
| Calls | Check function call formats.   * pointers * parameters * use of ‘&’ |  | X |
| Names | Check name spelling and use.   * Is it consistent? * Is it within the declared scope? * Do all structures and classes use ‘.’ reference? |  | X |
| Strings | Check that all strings are   * identified by pointers * terminated by NULL | X |  |
| Pointers | Check that all   * pointers are initialized NULL * pointers are deleted only after new * new pointers are always deleted after use | X |  |
| Output Format | Check the output format.   * Line stepping is proper. * Spacing is proper. | X |  |
| () Pairs | Ensure that () are proper and matched. | X |  |
| Logic Operators | * Verify the proper use of ==, =, ||, and so on. * Check every logic function for (). | X |  |
| Line-by-line check | Check every line of code for   * instruction syntax * proper punctuation | X |  |
| Standards | Ensure that the code conforms to the coding standards. |  | X |
| File Open and Close | Verify that all files are   * properly declared * opened * closed | X |  |