#### Design Review Checklist Template

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| Student | Gerardo Galván Olvera | Date |  |
| Program |  | Program # |  |
| Instructor | Adriana B. | Language |  |

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| Purpose | To guide you in conducting an effective design review |
| General | * Review the entire pseudocode 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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| Complete | Verify that the design covers all of the requirements.   * All specified outputs are produced. * All needed inputs are furnished.   All required includes are stated. |  |  |  |  |
| Logic | * Verify that program sequencing is proper.   Stacks, lists, and so on are in the proper order.  Recursion unwinds properly. |  |  |  |  |
| Functional Use | * Verify that all functions, procedures, or methods are make sense in the program, * Verify that all functions have a reason to be. * No language-defined function is being duplicated (duplicated work) |  |  |  |  |
| Complexity | -Verify that the complexity of the program does not exceed the one required (if one is required) and is reasonable. |  |  |  |  |
| System Considerations | * Verify that all security-sensitive data are from trusted sources |  |  |  |  |
| Names | * Function names should be descriptive |  |  |  |  |