Program 6 Code Review Checklist

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| Course: | Especialización en Construcción de Software |
| Student code | 201410793 |

**Code Review Checklist**

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| Student | Jorge Luis Sarmiento Herrera | Date | 05/03/2014 |
| Program | Given X for T Distribution | Program # | 6 |
| Instructor | Luis Daniel Benavides Navarro | 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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| **ID** | **Class / Interface** |
| 1 | Main |
| 2 | Calculator |
| 3 | GivenXOfTDistribution |
| 4 | DataList |
| 5 | DataLoader |
| 6 | DataNode |
| 7 | DataValue |
| 8 | TDistributionDataLoader |
| 9 | NumberUtil |
| 10 | TDistributionForm |
| 11 | EmptyDataException |

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| **Category** | **Description** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** |
| Complete | The code covers all of the design. | x | x | x | x | x | x | x | x | x | x | x |
| Names | - Variables use camel case style.  - Constants use uppercase style.  - Name of methods, classes, interfaces, variables and constants are descriptive. | x | x | x | x | x | x | x | x | x | x | x |
| Comments | * Classes : Description, since, author, program assignment * Methods: Description, In/Out parameters, exceptions * Method variables: short description. * Code blocks: short description. | x | x | x | x | x | x | x | x | x | x | x |
| Initialization | * Class variables are defined at the beginning of the class. * Method variables are defined and initialized at the beginning of the method. * Control statements variables are defined and initialized at the beginning of the code block. | x | n/a | x | x | x | x | x | x | x | x | x |
| Indentation | * Code blocks are indented | x | x | x | x | x | x | x | x | x | x | x |
| File opened and closed | * Files are:   + Opened before read.   + Closed after read. | n/a | n/a | n/a | n/a | n/a | n/a | n/a | x | n/a | n/a | n/a |
| Exception handling | * Checked exceptions catched. * Runtime exceptions not catched * Catch block not empty. | n/a | n/a | n/a | n/a | n/a | n/a | n/a | x | n/a | x | n/a |