# 4Assignment 2: Creating ADTs, Implementing DS and an XML Parser - Marking Criteria:

As a group, evaluate your work against each criterion and assign yourselves a mark for each row. If you would like, provide a short explanation for the self-assigned mark in the Notes column.

Note: If your program (the jar file and/or eclipse project) does not run due to compilation, runtime or logic errors, you will receive an automatic zero grade on this assignment!

## Marking Criteria: Part 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Needs Improvement  (0–50%)** | **Good  (51–75%)** | **Excellent  (76–100%)** | **Group-Assigned Mark** | **Notes** |
| **Stack ADT Interface** | Interface contains no correct functionality or documentation | Interface contains partially correct functionality and documentation | Interface contains correct functionality and documentation | 4/4 |  |
| **Queue ADT Interface** | Interface contains no correct functionality or documentation | Interface contains partially correct functionality and documentation | Interface contains correct functionality and documentation | 4/4 |  |
|  | | | | **8/8** |

## Marking Criteria: Part 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Needs Improvement  (0–50%)** | **Good  (51–75%)** | **Excellent  (76–100%)** | **Group-Assigned Mark** | **Notes** |
| **Project Structure and Naming Conventions** | Program does not follow correct project structure and standard Java conventions | Program does not completely follow correct project structure and standard Java conventions | Program follows all correct project structure and standard Java conventions | **5/5** |  |
| **Read Input File** | Program does not read correct input file from command line | Program partially reads correct input file from command line | Program correctly reads input file from command line | **10/10** |  |
| **Parsing Tags** | Incorrect logic used for parsing tags | Partially correct logic used for parsing tags | Correct logic used for parsing tags | **10/10** |  |
| **Output** | Program produces the wrong output | Program produces a partially correct output | Program produces the correct output | **10/10** |  |
| **MyArrayList Implementation** | Incorrect implementation of MyArrayList | Partially correct implementation of MyArrayList | Correct implementation of MyArrayList | **10/10** |  |
| **MyDLL Implementation** | Incorrect implementation of MyDLL | Partially correct implementation of MyDLL | Correct implementation of MyDLL | **10/10** |  |
| **MyStack  Implementation** | MyStack incorrectly implemented using MyArrayList data structure | MyStack implemented somewhat correctly using MyArrayList data structure | MyStack correctly implemented using MyArrayList data structure | **10/10** |  |
| **MyQueue Implementation** | MyQueue incorrectly implemented using MyDLL data structure | MyQueue implemented somewhat correctly using MyDLL data structure | MyQueue implemented correctly using MyDLL data structure | **10/10** |  |
| **Documentation** | Submitted no readmes/instructions or javadoc documentation | Submitted some readmes/instructions and javadoc documentation | Submitted correct readmes/instructions and javadoc documentation | **7/7** |  |
| **Group Evaluation** | No group application evaluation submitted. | Some parts of the group application evaluation submitted. | All parts of the group application evaluation submitted. | **5/5** |  |
|  | | | | **87/87** |