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| CPR3113/N Principles of Programming MARKING RUBRIC - ASSIGNMENT 2 : Functions, arrays and files (30%) | | | | | | | | |
|--|--|---|---|--|--|---------------------|-----------|--------------|
| Functions and Array for Task 2 - 5 (50%) | | | | | | | | |
| LEARNING OUTCOME | MARKING CRITERIA | SCALE | | | | | | |
| | | 3rd Class (50-59) | 2nd Lower Class (60-69) | 2 nd Upper Class (70-79) | 1 st Class (80-100) | YOUR MARKS/COMMENTS | | |
| | | | | | | 100% | Weightage | Actual Marks |
| CLO3 | Code Quality (10%) | A poor attempt; which may be several problems with structure, or very little use has been made of comments, or the naming of classes, methods and variables is unsatisfactory in a significant number of cases. | A fair attempt; the code is of reasonable quality with several omissions of naming and use of comments. | Generally, a good attempt, making use of comments, and where the majority of classes, variables and methods have been appropriately named. However there may be several omissions of Javadoc comments, and the code. | Good use of commenting throughout, including Javadoc comments for the vast majority of classes, methods and variables. | 90 | 0.10 | 9 |
| | Modularity (use of classes/functions and array) (10%) | Demonstrate some limited use of classes/ functions/array. | Demonstrates appropriate use of classes/ functions/array. | Demonstrates proficiency in use of classes/ functions/array. | Demonstrates mastery in the use of classes/ functions/array. | 90 | 0.10 | 9 |
| | Program execution and output quality • Getting input • Calculate mean and standard deviation (30%) | Program executed with runtime error but achieve partial program requirements. | Program executed error free with limitations to achieve minimum program requirements. | Program executed error free with correct output and achieve all program requirements. | Program executed error free with excellent output with appropriate validation. | 90 | 0.30 | 27 |
| Total (50%) | | | | | | 45.00 | | |

| Reading and Writing Files for Task 1 and 6 (50%) | | | | | | | | |
|--|---|---|---|--|--|---------------------|-----------|--------------|
| LEARNING OUTCOME | MARKING CRITERIA | SCALE | | | | YOUR MARKS/COMMENTS | | |
| | | 3rd Class (50-59) | 2nd Lower Class (60-69) | 2nd Upper Class (70-79) | 1st Class (80-100) | 100% | Weightage | Actual Marks |
| | | | | | | | | |
| CLO4 | Code Quality (10%) | A poor attempt; which may be several problems with structure, or very little use has been made of comments, or the naming of classes, methods and variables is unsatisfactory in a significant number of cases. | A fair attempt; the code is of reasonable quality with several omissions of naming and use of comments. | Generally, a good attempt, making use of comments, and where the majority of classes, variables and methods have been appropriately named. However there may be several omissions of Javadoc comments, and the code. | Good use of commenting throughout, including Javadoc comments for the vast majority of classes, methods and variables. | 90 | 0.10 | 9 |
| | Modularity (use of classes/functions) (10%) | Demonstrate some limited use of classes/ functions/array. | Demonstrates appropriate use of classes/ functions/array. | Demonstrates proficiency in use of classes/ functions/array. | Demonstrates mastery in the use of classes/ functions/array. | 90 | 0.10 | 9 |
| | Program execution and output quality • Text file created • Data accurate • Output as expected (30%) | Program executed with runtime error but achieve partial program requirements. | Program executed error free with limitations to achieve minimum program requirements. | Program executed error free with correct output and achieve all program requirements. | Program executed error free with excellent output with appropriate validation. | 90 | 0.30 | 27 |
| Total (50%) | | | | | | 45.00 | | |
| | | | | | | | | |
| Overall score (100%) | | | | | | 90.00 | | |

Mark for assignment 2: **27.00**/30