**CIS611**

**Grading Rubric PA03**

**Student Name: Shawn L.**

**Question 1**

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| --- | --- | --- | --- |
| Requirements | Comment | Max Points Allowed | Points Earned |
| General Code Structure:  Creating a Java file with name SkiRentalCalculation.java (0.25)  Comments used in the code to explain the purpose of the code (0.25)  Indentation of the code for better readability (0.25)  Good choice of variable names (0.25) |  | 1 | 1 |
| Input, Output, User Interface:  Proper coding implementation of JOptionPane to accept the input values using different JOptionPane (4)  Exception handling of the invalid input values using try-catch. If no value is entered, or empty space is entered, or character value is entered (when numeric is expected), the program should not crash (3)  Proper display of the customer name and the total charge in a JOptionPane by iterating through namesArr and valuesArry. Put a line separator between each customer information (2) |  | 9 | 9 |
| General Algorithm and Logic:  Proper calculation of total charge based on the various input values, and the Rate category table included in this assignment (3.5)  Use of namesArr to hold the first name and the last name of the customers and valuesArr to hold the total charge of the customers – the index of the arrays have to match. The total charge can hold decimal value (3.5)  Logic to iterate through the namesArr and valuesArr to display the information of the customers (customer name and the total charge) in the JOptionPane (3) | Correctly displays for a given run of your code as: | 10 | 10 |
| Total |  | 20 | 20 |

**Total= 20/20**