**CAB201 Programming Principles**

**First Assignment Criteria Reference Assessment**

|  |  |  |
| --- | --- | --- |
| **Program** | **Maximum Grade Possible** | **Maximum Mark Possible** |
| contains compilation errors | 1 | 2 |
| implemented as straight line code  with full functionality | 4 | 5 |
| performs calculation once only  or  program accepts out of range values | 5 | 6 |
| program cannot handle invalid format but has full functionality | 5 | 7 |
| has only void methods  or used global variables but has full functionality | 6 | 8 |
| has   * A class comment1 * void and value returning methods * no input or output in Main * full functionality as specified * adheres to CAB201 Coding Style Guide | 7 | 10 |

Grades of 4 or higher assumes that the code contains no logic or run-time errors and performs the required calculation correctly.

1: A class comment contains your name, student id and a short overall description of the program using block style comments and is placed between the *namespace* and *class* statements as in to the following example: You can copy this providing you provide your actual name and student id and not that of the fictitious student.

**namespace OHM\_Law\_Calculator {**

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**\* Ohm’s Law: Voltage = Current \* Resistance**

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**\* Given any two of the three quantities in Ohm’s Law, calculate the**

**\* program calculate the third.**

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**\*/**

**class Program {**