**CMP1902M Object Oriented Programming 2022/23**

**Assignment 1: Report**

Name: Oliver Smith

Student ID: 26357261

Git/Version Control Repo: https://github.com/OSmith132/OOP-A01

**Code Review**

1. **Who did you provide reviews for?** *(Name, Student ID)*

*Archie Baldry,*

*Milo Bragaloni,*

1. **Who provided reviews for you?** *(Name, Student ID)*

*Archie Baldry,*

*Milo Bragaloni,*

1. **Reflection on code review: What did you consider changing / changed after receiving the reviews?** *(~400 words)*
2. **Include evidence of the reviews *(screenshots are OK)***

**Reflection and Feedback**

1. **What was the most important thing you learned from this assessment?** *(< 200 words)*

*I have learned in and leading up to this assessment the C# programming language which is a language that I am not familiar with. I have also learned about how to raise and close issues on GitHub which I have not had a chance to do before and found it very useful both giving and receiving code reviews.*

1. **What was the most challenging aspect of this assessment and how did you approach it?** *(<200 words)*

I found learning the C# language the hardest part of the assessment as I was not familiar with it before this module. I approached the issue by completing all of the further tasks and more in each workshop session for better practice and doing independent research to try and better my coding practices.

1. **What would you particularly like to receive feedback on in this assessment?**

I would most like to receive feedback on ways that I can improve both my C# code and ways that I can change my approach to OOP so that it follows better programming practices. This also applies to naming conventions of variables and datatypes used.

I would also quite like to receive feedback on the code reviews that I wrote and get some tips on how to make them sound better.

**Assignment 1: Checklist**

All of the elements in a section must be checked for it to be considered for that grade (this isn’t guaranteed though). All previous elements must also be complete for a grade to be considered.

Pass standard:

|  |  |
| --- | --- |
| Received two code reviews. |  |
| Made two code reviews. |  |
| Addressed **at least two** of the questions in each of your reviews. (*1. How is the code documentation, 2. How does the code handle errors, 3. How can the code be improved*) |  |
| The code compiles and runs | ✓ |
| The classes provided by the base code are implemented | ✓ |
| The methods provided by the base code are implemented | ✓ |
| Object instantiation and method calls used in the code. | ✓ |
|  |  |

2:2 standard:

|  |  |
| --- | --- |
| Addressed the **three** questions in each of your reviews. |  |
| There is a short description of the code review process. |  |
| The code compiles and runs | ✓ |
| Some evidence of error handling | ✓ |
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|  |  |

2:1 standard:

|  |  |
| --- | --- |
| The code compiles and runs | ✓ |
| No errors evident | ✓ |
| A Test class is used | ✓ |
| There is a description of the code review process |  |
| **Additional** methods to those provided by the base code are implemented – point out with comments | ✓ |
|  |  |
|  |  |
|  |  |

First standard:

|  |  |
| --- | --- |
| Error handling, either by exception handling or other methods is complete and no errors are produced. | ✓ |
| Encapsulation an/or Abstraction are used in the code and identified. | ✓ |
| **Additional** classes to those provided by the base code are implemented – point out with comments |  |
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