**CSE212 – Programming with Data Structures**

**03 Prove – Response Document**

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| **Name:** |  |
| **Date:** |  |
| **Teacher:** |  |
| **Section:** |  |

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**Question 1: From Part 1, describe what the Mystery Stack 1 code does and how the use of a stack helps in the implementation? (20 points)**

**Question 2: From Part 1, what are the three outputs from the Mystery Stack 1 code for the following three different inputs? (10 points)**

* **racecar**
* **stressed**
* **a nut for a jar of tuna**

**Question 3: From Part 2, describe what the Mystery Stack 2 code does and how the use of a stack helps in the implementation? (40 points)**

**Question 4: From Part 2, provide five different inputs for the Mystery Stack 2 code that will result in each of the following outputs? (20 points)**

* **Returns a positive value of 5**
* **Displays “Invalid Case 1!”**
* **Displays “Invalid Case 2!”**
* **Displays “Invalid Case 3!”**
* **Displays “Invalid Case 4!”**

**Question 5: From Part 3, write a paragraph to describe how reading code is like reading a book. Describe how you can improve your code reading abilities over the next year. (10 points)**