**Lab 02**

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| Student ID: | B08611031 |
| Total Score: |  |

**Note:**

Most of the explanations in this lab is optional (except for question C2). However, giving reasonable explanations to your answer or programs will earn you partial credits when your answer is incorrect.

1. **Multiple Choice (24 points, 6 points each question)**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Answer | Explanation (Optional) | Score |
| 1 | d |  |  |
| 2 | a |  |  |
| 3 | c |  |  |
| 4 | b |  |  |

1. **Reading and Programming (24 points, 6 points each question)**

|  |  |  |
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| # | Explanation (Optional) | Score |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |

1. **Spot the Bug (26 points, 10 points + 16 points)**

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| # | Explanation (Mandatory for question 2) | Score |
| 1 |  |  |
| 2 | 因為array2 並沒有宣告矩陣，此時init 的時候array2 的content會是None，這時程式會自動指派上一個類別中的矩陣content給array2。要避免這種情形的話就得先再init 的時候加一個判斷式:  if contents == None:  self.contents = []  else:  self.contents = contents  不然的話，就是在宣告array2的時候要宣告一個空矩陣:  array2 = Array('MySecondArray',[]) |  |

1. **MyEnumerate (26 points)**

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| # | Explanation (Optional) | Score |
| 1 |  |  |