**BCPR301 –** Self-Marking

**There are 39/52 Marks**

1.Smell detection (15 marks)

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| 1) Identification of N bad smells in the programs provided | 4 |
| 2) The location of each bad smell identified | 4 |
| 3) And discussion on the reasons why you think that the ones you identify are bad smells in a concise fashion. | 4 |
| 4) And brief discussion on the refactoring strategies/ approaches you are going to use to remove each bad smell | 3 |

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| 1) To develop a set of tests for the methods/ classes/ modules/ packages encompassed by the bad smells you previously identified | (3 \* 2 = 6 marks) |
| 2. Tests development | (6 marks) |
| 3. Coverage package | (0 marks) |

3. Refactoring (18 marks)

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| 1) Identifying the worst smell and the reasons why it is the worst one | (4 marks) |
| 2) Version control via a remote repository and testing | (3 marks) |
| 3) Modification to remove the worst smell and PEP8 validation | (2 \* 4 = 8 marks) |
| 4) Effectively evaluations | (3 marks) |