# Self-Marking Guide

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Assignment: BCPR301 Assignment 2

Git Repository: <https://github.com/steven-snelling/PR301-Assignment_2>

**There are 13 \* N marks in total in this assignment where N = 4.**

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| **Item** | **Self-Mark** |  |
| **1. Smell detection (4 \* N marks)** |  |  |
| 1.1) Identification of N bad smells in the programs provided. For the sake of learning, please try to identify different types of bad smells. (N marks) |  |  |
| 1.2) The location of each bad smell identified (N marks) |  |  |
| 1.3) And discussion on the reasons why you think that the ones you identify are bad smells in a concise fashion. Please do not simply copy general reasons from somewhere and paste them in your submission (N marks) |  |  |
| 1.4) And brief discussion on the refactoring strategies/ approaches you are going to use to remove each bad smell (N marks) |  |  |
| **2. Tests development (4 \* N marks)** |  |  |
| 2.1) To develop a set of tests for the methods/ classes/ modules/ packages encompassed by the bad smells you previously identified (3 \*marks) |  |  |
| 2.2) Please also use coverage package to generate reports in order to show your code branch coverage == 100%. And all tests should be able to be run together by running a single .py file (N marks) |  |  |
| **3. Refactoring (5 \* N marks)** |  |  |
| 3.1) Identifying the worst smell and the reasons why it is the worst one (N marks) |  |  |
| 3.2) Version control via a remote repository and testing (N marks) |  |  |
| 3.3) Modification to remove the worst smell and PEP8 validation (2 \* N marks) |  |  |
| 3.4) Effectively evaluations (N marks) |  |  |
| **Total:** |  |  |