

CS206 Assignment 5 Correctness Grading Rubrics

50 points are allocated to correctness.

A major bug is at least 5 point deduction, this includes any exception/crashing/nonfunctional required features (major features are often worth more than 10), etc. Catching an “avoidable” exception instead of fixing it is not acceptable.

Minor bug is 2 points, i.e. features not working quite right, off by 1, etc

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| 1. Completed lab6 | 25 points |
| 2. Submission includes a README with the required discussion | 5 points |
| 3. Prompts user input in a loop | 1 points |
| 4. 00000 quits program | 1 points |
| 5. Valid zipcode lookup gives correct/expected response | 10 points |
| a. One Lookup correct
(but printouts may be incomplete/incorrect) | 2 points |
| b. All lookups correct
(but printouts may be incomplete/incorrect) | 2 points |
| c. 7 PopulatedPlace printed as PopulatedPlace | 2 points |
| d. 5 LocatedPlace printed as LocatedPlace | 2 points |
| e. 3 Place printed as Place | 2 points |
| f. Any single mistake | -1 point |
| 6. Invalid zipcode lookup gives expected response (-1 if any below fails) | 3 points |
| a. Non-integer | |
| b. 5-digit integer but invalid zipcode | |
| c. Integer but too many or too few digits | |
| 7. Check their <code><ArrayList>.size()</code> (by inserting a print into their <code>Main</code> - this has to be done manually, sorry)
- it should be 42613. If not | -2 points |
| 8. Any exception | -5 points |
| 9. If using <code>StdIn/StdOut</code> instead of <code>Scanner/System.out</code> | -5 points |
| 10. Program takes too long to execute (time it and tell them how long) | -5 points |