

Fall 2017

Program 9: List of Deductions

| Deduction number | Description | Points deducted |
|------------------|--|-----------------|
| 1 | Late penalty | Variable |
| 2 | Comments (If program contains no comments, -10) | -10 |
| 2a | No header comment | -3 |
| 2b | Header comment is present, but name is missing | -1 |
| 2c | Each variable declaration should be accompanied by a comment describing its purpose | -3 |
| 2d | Body of program contains no comments | -4 |
| 2e | Body of program contains some comments, but not enough | -3 |
| 3 | Indentation (If code is not indented at all, -9) | -9 |
| 3a | All code inside main() should be indented at least one tab level | -3 |
| 3b | Code inside block (conditional statement, loop, or function) should be indented one tab more than start of block | -3 |
| 3c | Code is not indented consistently | -3 |
| 4 | Variables | |
| 4a | Variable names are not descriptive enough | -3 |
| 4b | All variables should be declared at start of each function | -3 |
| 5 | File name is incorrect | -10 |
| 6 | Program does not compile | -60 |
| 7 | Input (if program does not follow input spec, -10) | -10 |
| 8 | Error checking | |
| 8a | Program does not handle invalid file names properly | -5 |
| 9 | Output (if program produces little or no correct output, -45) | -45 |
| 9a | Program does not generate any output file that can be checked for correctness | -40 |
| 9b | Majority of output file contents are incorrect | -30 |
| 9c | Program only uses a single set of input files rather than taking user-entered file names into account | -25 |
| 9d | File name handling is incorrect--program should not just test file names that are entered against known test cases | -5 |
| 9e | Program always prints 20 R & V values, even if there are <20 values | -5 |
| 9f | Minimum value(s) are incorrect | -6 |
| 9g | Maximum value(s) are incorrect | -6 |
| 9h | Average value(s) are incorrect | -6 |
| 9i | Output is not printed so all columns line up properly (lowest digit of each value is aligned) | -5 |
| 9j | Outputs are not printed with proper precision | -5 |
| 10 | Miscellaneous | |
| 10a | Program lacks significant amount of relevant code | -80 |