

Fall 2015

Program 8: 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
7a	Program reads binary file correctly but does not actually prompt for file names (this deduction is typically paired with 8c)	-5
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	Program does not work correctly when input files contain fewer than 20 values	-10
9e	File name handling is incorrect--program should not just test file names that are entered against known test cases	-5
9f	Program does not print correct min/max/avg values	-15
9g	One of min/max/avg values is incorrect (see notes)	-3
9h	Output is not properly aligned or formatted	-3
9i	Resistance and/or voltage output is incorrect	-10
10	Miscellaneous	
10a	Program lacks significant amount of relevant code	-80
10b	Student did not submit three separate files for grading	-5
10c	Function definitions are not in prog5_functions.c	-5