

Fall 2015

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	For shift operations, shift amount field should be used, not register value	-5
9f	First output line is correct for shift operation, but second line contains register value rather than shift amount	-3
9g	Program does not store result of each operation back into regs[] array	-10
9h	Program does not correctly print instruction numbers in output file	-3
9i	Second output line for each instruction should print register values, not numbers	-5
9j	Shift operators should print as pair of angle brackets, not just one bracket (i.e., << instead of <)	-3
9k	Program does not print instructions correctly	-5
9L	Program prints register values when it should print register numbers in first line of instruction output	-5
10	Miscellaneous	
10a	Program lacks significant amount of relevant code	-80
10b	Function definitions are not in prog9_functions.c	-5