

Spring 2015**Program 7: List of Deductions**

NOTE: For any deduction that contains "see specific notes" in the description, your grade file will contain a note on the specific reason for the deduction.

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 only accepts single letter commands, not string commands	-8
8	Error checking	
8a	Program does not handle invalid commands	-5
8b	Program handles invalid commands, but not in proper way	-3
9	Output (if program produces little or no correct output, -45)	-45
9a	Program crashes if user enters box partially outside grid	-5
9b	Program does not correctly handle boxes partially outside grid	-5
9c	Program crashes/does not exit when 'exit' command entered	-5
9d	"reset" command does not clear grid	-10
9e	"add" or "print" command does not work, making it impossible to test other commands	-35
9g	"add" command does not work properly	-10
9h	Output is shifted or inverted in some way (see notes)	-5
9i	Program should not require user to enter "reset" command before entering any boxes to get correct output	-5
10	Miscellaneous	
10a	Program lacks significant amount of relevant code	-80