## Spring 2018

## **Program 7: List of Deductions**

2 Comments (if program contains no comments, -10) -10 2a No header comment -3 2b Header comment -3 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) -5 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 -4 4 Variables -4 4 Variables -4 4 Variable names are not descriptive enough -3 4 All variables should be declared at start of each function -3 5 File name is incorrect -10 6 Program does not compile -5 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 -5 8a Program does not handle invalid commands -5 8b Program does not handle invalid commands -5 9 Output (if program produces little or no correct output, -45) -45 9 Program crashes if user enters box partially outside grid -5 9 Program crashes if user enters box partially outside grid -5 9 Program crashes/does not exit when 'exit' command entered -5 9 Program crashes/does not calear grid -5 9 Program should not require user to enter "reset" command before entering any boxes to get correct output 10 Miscellaneous -5 10 10 Miscellaneous -5 10 Student did not submit three separate files for grading -5	Deduction		Points
2 Comments (If program contains no comments, -10) -10 2a No header comment -2 2b Header comment is present, but name is missing -3 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) -5 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 -4 4 Variables -4 4 Variable names are not descriptive enough -5 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 -5 8 Program handles invalid commands -5 9 Program crashes if user enters box partially outside grid -5 9 Program does not correctly handle boxes partially outside grid -5 9 Program crashes/does not exit when 'exit' command entered -5 9 Program crashes/does not clear grid -10 9 "reset" command does not work, making it impossible to test other commands -5 9 "add" or "print" command does not work, making it impossible to test other commands -5 9 "add" command does not work properly -10 9 Miscellaneous -5 9 Program lacks significant amount of relevant code -80 9 Program lacks significant amount of relevant code -80	number	Description	deducted
No header comment   -3	1	Late penalty (doubles each day: -1 for 1 late day, -2 for 2, -4 for 3, etc.)	Variable
Header comment is present, but name is missing	2	Comments (If program contains no comments, -10)	-10
Each variable declaration should be accompanied by a comment describing its purpose  Body of program contains no comments  Body of program contains some comments, but not enough  Indentation (if code is not indented at all, -9)  All code inside main() should be indented at least one tab level  Code inside block (conditional statement, loop, or function) should be indented one tab more than start of block  Code is not indented consistently  Variables  Variables  All variables ahould be declared at start of each function  File name is incorrect  File name is incorrect  Program does not compile  To input (if program does not follow input spec, -10)  Program only accepts single letter commands, not string commands  Error checking  Ba Program handles invalid commands  Program handles invalid commands  Program does not toorrectly handle boxes partially outside grid  Program does not correctly handle boxes partially outside grid  Program crashes if user enters box partially outside grid  Program crashes/does not exit when 'exit' command entered  Program crashes/does not exit when 'exit' command entered  "reset" command does not lear grid  "add" or "print" command does not work, making it impossible to test other commands  "add" or "print" command does not work, making it impossible to test other commands  "add" command does not work properly  Program should not require user to enter "reset" command before entering any boxes to get correct output  Miscellaneous  Program lacks significant amount of relevant code  "add" command acks significant amount of relevant code	2a		-3
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10a Program lacks significant amount of relevant code -80	10	·	
			00
100 Student did not submit three separate files for grading -5			
	10b	Function definitions are not in prog7_functions.c	-5