## Spring 2018

## **Program 5: List of Deductions**

1 Late penalty (doubles each day: -1 for 1 late day, -2 for 2, -4 for 3, etc.) Variable 2 Comments (if program contains no comments, -10) -10 2a No header comment	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 -2 2c Each variable declaration should be accompanied by a comment describing its purpose -2 2d Body of program contains no comments -2 2e Body of program contains some comments, but not enough -2 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 -2 3c Code is not indented consistently -3 4 Variables -4 4 Variables -5 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 -6 7 Input (if program does not follow input spec, -10) -10 8 Error checking (if program does not generate correct output in error cases, -20) -20 8a Program does not correctly handle input formatting error -5 8b Program does not correctly handle input formatting error -5 8c Program does not correctly handle error if invalid character entered when asked about evaluating another integral -5 8e Program does not correctly handle error if invalid character entered when asked about evaluating another integral -5 9 Output (if program produces little or no correct output, -30) -30 9 All integral results are incorrect -20 9 Some integral results are incorrect -20 9 Program exits if user enters something other than 'n' or 'N' -5 9 Program only calculates a single integral and exits without asking about calculating another integral -10 File organization -10 Student did not submit three separate files for grading -5	number	Description	deducted
No header comment   -2	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  2d Body of program contains no comments  2e Body of program contains some comments, but not enough  3 Indentation (If code is not indented at all, -9)  3a All code inside main() should be indented at least one tab level  3b Code inside block (conditional statement, loop, or function) should be indented one tab more than start of block  3c Code is not indented consistently  4 Variables  4a Variables  4a Variables  4a Variable names are not descriptive enough  5 File name is incorrect  6 Program does not compile  7 Input (if program does not follow input spec, -10)  8 Error checking (if program does not generate correct output in error cases, -20)  8a Program does not correctly handle input formatting error  8b Program does not correctly handle low endpoint > high endpoint error  9c Program does not correctly handle error if invalid character entered when asked about evaluating another integral  8e Program returns to beginning after one or more errors occur, rather than repeating appropriate prompt  9 Output (if program produces little or no correct output, -30)  9a All integral results are incorrect  9c Program exits if user enters something other than 'n' or 'N'  9d Program only calculates a single integral and exits without asking about calculating another integral  10 File organization  5 File organization  6 File organization	2a	No header comment	-3
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Recomplete   Program returns to beginning after one or more errors occur, rather than repeating appropriate prompt   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30)   -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -30   Poutput (if program produces little or no correct output, -			
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	10b	Function definitions are not in prog5 functions.c	-5