Spring 2017
Program 2 (Algorithmic Complexity): List of Deductions

Deduction number	Description	Points deducted
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	-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**	
9	**Output** (if program produces little or no correct output, -50)	-50
9a	Program does not perform correct search/sort (-10 per algorithm)	-10
9b	Program does not run to completion	-15
9c	Performed binary search before sorting	-5
10	**Miscellaneous**	
10a	Program lacks significant amount of relevant code	-60
10b	Student did not submit five separate files for grading	-5
10c	Student failed to write a required function (-5 per missing function)	-5