

Spring 2017

Program 3 (Cards): List of Deductions

Deduction number	Description	Points deducted
<b>1</b>	<b>Late penalty (doubles each day: -1 for 1 late day, -2 for 2, -4 for 3, etc.)</b>	Variable
<b>2</b>	<b>Comments</b> (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
<b>3</b>	<b>Indentation</b> (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
<b>4</b>	<b>Variables</b>	
4a	Variable names are not descriptive enough	-3
4b	All variables should be declared at start of each function	-3
<b>5</b>	<b>File name is incorrect</b>	-10
<b>6</b>	<b>Program does not compile</b>	-60
<b>7</b>	<b>Input</b> (if program does not follow input spec, -10)	-10
7a	Program only accepts single letter commands, not string commands	-8
<b>8</b>	<b>Error checking</b>	
8a	Program does not handle invalid commands	-5
8b	Program handles invalid commands, but not in proper way	-3
<b>9</b>	<b>Output</b> (if program produces little or no correct output, -50)	-50
9a	'P' command does not work properly	-9
9b	'D' command does not work properly	-9
9c	'R' command does not work properly	-9
9d	'N' command does not work properly	-9
9e	Any card-dealing command does not properly handle <5 cards in deck	-6
9g	'S' command does not work properly	-9
9h	'S' command shuffles but does not return all cards to deck	-3
9i	'X' command does not work properly	-5
9j	'P' command does not print 13 cards per line	-3
9k	Any card-dealing command gets only 1 card, not 5	-3
9l	'S' command does not print state of deck immediately	-3
<b>10</b>	<b>Miscellaneous</b>	
10a	Program lacks significant amount of relevant code	-60
10b	Student did not submit five separate files for grading	-5