

CS 210 Introduction to Programming
Java Programming Assignment 3 Rubric

Java Program:				
Expressions and class Methods with Parameter passing				
Rating	Exemplary	Partially Proficient	Basic (needs work)	Not Demonstrated
Rating Category				
Documentation	Comments include clear and complete class description and tags with student name and version. Comments above each method fully describe method and list parameters and return value (if any), per coding standards.	A few minor errors in documentation with incomplete descriptions or missing one or two tags.	Many errors in documentation or did not follow the coding standards for documentation at all.	No comments in program.
Doc Pts	10	9 - 7	6 - 1	0
Data Storage Points	All required constants and necessary variables defined. Follows coding standards naming conventions and used descriptive names for all identifiers.	A few minor errors in: data typing, assignment, identifier names, or following coding standards.	Missing required constants or variables and/or many errors in: data typing, assignment, identifier names, or following coding standards.	No data stored.
Data Storage Pts	10	9 - 7	6 - 1	0
Program Input (main)	Displays descriptive prompt(s) indicating what the user needs to provide, and reads the required input correctly.	Reads required input, but does not display appropriate prompt(s) OR reads unnecessary extra input.	Multiple input errors.	Does not read any input from user.
Input Pts	10	9 - 7	6 - 1	0
class Method 1 Definition (program description)	Required class method was defined.	Minor errors in method definition.	Major errors in method definition.	Method was not defined, but description may have been displayed from main.
Descrip Pts	10	9 - 7	6 - 3	2 - 0
class Method 2 Definition (calc)	Required class method was defined with correct parameters and return value. Method calculates correct values for given input.	Minor error in calculations within method, so it produces an incorrect value.	Major errors in method, so it produces incorrect value(s), or incorrectly defined parameters or return value.	Method was not defined. Task implemented in another method or not at all.
Method Pts	10	9 - 7	6 - 3	2 - 0
class Method 3 Definition (calc)	Required class method was defined with correct parameters and return value. Method calculates correct values for given input.	Minor error in calculations within method, so it produces an incorrect value.	Major errors in method, so it produces incorrect value(s), or incorrectly defined parameters or return value.	Method was not defined. Task implemented in another method or not at all.
Method Pts	10	9 - 7	6 - 3	2 - 0
class Method 4 Definition (calc)	Required class method was defined with correct parameters and return value. Method calculates correct values for given input.	Minor error in calculations within method, so it produces an incorrect value.	Major errors in method, so it produces incorrect value(s), or incorrectly defined parameters or return value.	Method was not defined. Task implemented in another method or not at all.
Method Pts	10	9 - 7	6 - 3	2 - 0
class Method 5 Definition (display results)	Required class method was defined with correct parameters. Displays all required output, with correct values for the given inputs, according to program requirements.	Minor errors in calculations or output display.	Major errors in method, does not display some required output, or incorrect parameters.	Method was not defined. Task implemented in another method or not at all.
Method Pts	10	9 - 7	6 - 3	2 - 0
main Method	main implemented correctly, including all calculations and class method calls.	A few minor errors in main.	Many errors in main.	main method does not run.
Method Pts	10	9 - 7	6 - 1	0
Java Constructs / Readability / Miscellaneous	Code follows all CS210 coding standards. Demonstrates understanding of program structure. Code is organized and easy to follow, with no issues, and there is no unnecessary code.	Code is fairly easy to read, but there are some spacing, indentation, and/or other minor issues, or extraneous code. Or did not follow some of the CS210 coding standards.	Code is difficult to read OR has other major issues. Or did not follow most of the CS210 coding standards.	The code is unreadable.
Misc Points	10	9 - 7	6 - 1	0
Java Program SubTotal (any late points deducted will be based upon this subtotal)				
Deductions				
Compilation	Code compiles correctly.	One or two minor errors prevents the code from compiling.	Multiple minor errors prevent the code from compiling.	One or more major errors or a multitude of minor errors prevent the code from compiling.
Compilation Pts	0	- 1 to 2 pts	- 3 to 5 pts	- 100% (unacceptable)
Delivery	Submitted on time	Submitted 1-2 days late (2% deducted per day late)	Submitted 3-5 days late (2% deducted per day late)	Not submitted within 5 days of due date
Late Deductions	0	-2% to -4%	-6% to -10%	-100% (no credit)
Points Grand Total	100			