

CPSC 233: Assignment 2 (Marking Key)

Documentation	Actual score	Max score
Contact information provided in banner documentation e.g., name, ID, course info, tutorial number etc.		1
List of program features completed		2
List of program limitations		1
Inline documentation: lists features implemented in each method		1
Subtotal: Documentation marks		5

Style	Actual score	Max score
Good naming conventions for identifiers (variables, constants, methods, class names)		2
Appropriately employs named constants		1
Layout and appearance of source code		2
Layout and appearance of output		1
Deduction: variable class attributes not made private		-1/per attribute
Subtotal: style marks		6

Functionality marks	Actual score	Max score
Displays required contact information as a 'banner'		1
Reads the filename as a command line argument		1
Reads all the information from file (arbitrary file size)		2
Breaks the information read from a file into meaningful parts: shape type, appearance, size information		3
Correctly implements the drawRectangle method in class Draw		2
Correctly implements the drawLeftTriangle method in class Draw		4
Correctly implements the drawRightTriangle method in class Draw		6
Correctly tracks and displays the shape count as attributes of the Draw class		2
Subtotal functionality marks earned		21
Modifier: Static methods implemented – aside from 'main' (half functionality marks) ¹		
Modifier: Only a single class is used to implement the solution (half functionality marks) ¹		
Modifier: Information not read from file as specified in the assignment description (half functionality marks) ¹		
Subtotal: Functionality marks		21

1 These penalties are cumulative so if an assignment written using a bunch of static methods and the inputs didn't come from file then the function would be penalized (and the score would go down).

TOTAL SCORE		32
GRADE POINT		4.0

Raw score	31 - 32	29 to 30	27 to 28	25 to 26	23 to 24	19 to 22	15 to 18	11 to 14	9 to 10	7 to 8	< 7
GPA	4.0	3.7	3.3	3	2.7	2.3	2.0	1.7	1.3	1.0	0.0