

# PROG8170

## Software Quality Assurance Techniques

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### Assignment #1: Rubric

#	Mark	Weight	Criteria
			<b>Rectangle Class</b>
1.		1	Rectangle class created as a separate file
2.		1	Rectangle class length and width attributes are private
3.		2	Default and Non-Default constructor created and working properly
4.		6	Six required methods created and working properly
			<b>Console Application</b>
5.		3	Initial rectangle created as described, incorrect input handled.
6.		3	Menu option 1 works as described
7.		3	Menu option 2 works as described
8.		3	Menu option 3 works as described
9.		3	Menu option 4 works as described
10.		5	Menu option 5 works as described
11.		5	Menu option 6 works as described
12.		3	Menu option 7 works as described
			<b>Unit Tests</b>
13.		3	Unit test for GetLength() method
14.		3	Unit test for SetLength() method
15.		3	Unit test for GetWidth() method
16.		3	Unit test for SetWidth() method
17.		3	Unit test for GetPerimeter() method
18.		3	Unit test for GetArea() method
19.		1	Screenshot of completed unit tests run successfully
			<b>Git</b>
20.		3	Screenshot showing Git repository log and required commits
		-0.50 each	<b>Programming standards deductions.</b>
		-12	<b>Failure to present deduction.</b>
		-12	<b>Late submission (per day)</b>
		-6	<b>Missing documentation from hard copy printout or not in correct order</b>
		60	<b>Total Marks</b>