

PROG2070 – Quality Assurance: Winter 2017

Assignment 02 Rubric

#	Mark	Weight	Criteria
			TriangleSolver Class
1.		1	TriangleSolver class created as separate file.
2.		1	TriangleSovler class is static is static.
3.		1	Analyze method is static
4.		4	Analyze method works as described.
			Console Application
5.		1	Menu is presented as described.
6.		1	If any incorrect input is given, the menu is shown again.
7.		2	The program correct reports if the numbers form a triangle, yes or no.
8.		4	If the numbers do form a triangle, the program reports if that triangle is scalene, isosceles, or equilateral.
9.		1	Menu Option 2 exits the program.
			Unit Tests
10.		8	Eight unique Unit tests for Analyze() Method.
11.		8	Explanation for eight unit tests.
12.		2	Unit test naming conventions.
13.		1	Screenshot of completed unit tests run successfully.
			Version Control
14.		3	Screenshot showing repository with a commit history.
			Control Flow Graph
15.		6	Graph complete, matches code, includes line numbers that match course code.
16.		4	Cyclomatic Complexity calculated, work to calculate it is shown.
17.		2	Brief discussion on the meaning of Cycholamtic Complexity value that was calculated.
		-0.25 per, max of -6	Programming standards deductions.
		-6	Failure to present deduction.
		-3	Hard copy not handed in or not all documents listed handed in.
		50	Total Marks