**COMP90041 Assignment One Feedback: Student Name**

**Program Presentation**

Including: layout and style, readability, adherence to coding expectations, general care and appearance.

The full marks for this section of marking is 2.

*Deductions*

Some subset of the following lines will be selected by the marker. Deduct 0.25 marks for any error listed below.

* constants not in upper case;
* bad choices for method names;
* bad choices for variable names;
* no commenting;
* inconsistent bracket placement;
* inconsistent indentation;
* lack of whitespace to separate different parts of code (visual appeal);
* long lines >100 chars;
* no authorship statement (name, student number, username);

*Additions (included in total mark only if marks lost within this first section)*

* overall care and presentation, +0.5;

*Other Comments from Marker:*

**Structure and Approach**

Including: decomposition into methods, declaration of instance variables at the appropriate locations, choice of parameters to methods.

The full marks for this section of marking is 5.

*Deductions*

Some subset of the following lines will be selected by the marker. Deduct 0.5 marks for any error listed below.

* duplicate code segments;
* methods too long or too complex;
* insufficient use of methods;
* unnecessary duplication/copying of data;
* method has more than 5 arguments;
* use more than 3 static methods (main method included);
* use more than 4 static variables;
* ***not implementing the logic to handle shape-specific user inputs (i.e., side length, rotation options, zooming options) and draw triangles/squares inside the Triangle and Square classes, respectively, then deduct -3.0.***

*Other comments from marker*:

**Program execution**

Including: compilation, execution on test data, output presentation and readability.

Programs that do not compile in the test environment will lose all marks in this section. Be sure to verify your submission and **check the output** before you say "finished" to yourself.

The full marks for this section of marking is 8.

Students are given 5 test cases. Each test case is a pair of test input and output files. A test case is passed if given a test input file, the program under test produces the same output as the provided output file.

* Test case 1 (input1.txt and output1.txt) is passed: 1 mark
* Test case 2 (input2.txt and output2.txt) is passed: +1 mark
* Test case 3 (input3.txt and output3.txt) is passed: +2 marks
* Test case 4 (input4.txt and output4.txt) is passed: +2 marks
* Test case 5 (input5.txt and output5.txt) is passed: +2 marks

*Deductions*

Some subset of the following lines will be selected by the marker.

* unnecessary warning messages in compilation, -1
* Not able to check valid values (e.g., side length), -1
* grossly different content output for each test, -1 ~ -2
* somewhat different content output for each test, -0.5 ~ -1
* Slightly different content output for each test, -0.25 ~ -0.5
* Format difference but same content for each test, -0.5

*Other comments from marker*:

*Overall comments from marker*:

*Assignment Marker:*

*If you have any questions regarding your mark, please contact the lecturers*