

Name: \_\_\_\_\_

## CS2113 Quiz 2

15 minutes.

---

Imagine that we have the following class which is used to handle triangles in our system:

```
public class Triangle{
    private int side1;
    private int side2;
    private int side3;
    public Triangle(int s1, int s2, int s3){
        side1 = s1;
        side2 = s2;
        side3 = s3;
    }

    public String getType(){
        ...
        returns one of {isosceles, equilateral, other, invalid}
    }
}
```

Complete the Junit test suite below that properly tests one of each of the four bolded return options above. That is, you only need four test cases/assertions, one for each option. However, these test cases should be specific to the type of triangle to earn credit.

We will apply the following grading rubric:

- 5 x 4 pts: Junit test cases properly flagged
- 20 x 4 pts: each test cases contains at least one assertion that check a valid, compiling test case for the type of triangle under test.

```
import org.junit.Test;
import static org.junit.Assert.assertEquals;

public class TriangleTest {

    // your code below
```

ADDITIONAL PAGE if needed