Faculty of Computer Science and Engineering Ho Chi Minh City University of Technology



LAB 2
Môn kiểm thử phần mềm

Testcase cho project

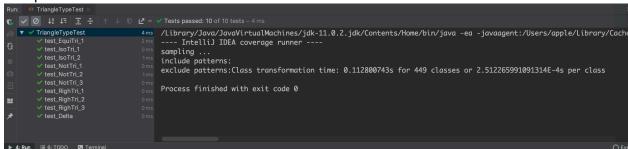
```
import org.junit.Test;
import static org.junit.Assert.*;
public class TriangleTypeTest {
   TriangleTester test = new TriangleTester();
   TriangleType output;
   public void test_Delta() {
      test.setDelta(0.002);
       assertEquals(0.002, delta, 1);
   public void test_EquiTri_1() {
      output = test.kindOfTriangle(10, 10, 10);
       assertTrue(output.isEquilateralTriangle());
   public void test_IsoTri_1() {
       output = test.kindOfTriangle(1, 4, -10);
       assertFalse(output.isIsoscelesTriangle());
   public void test_IsoTri_2() {
       output = test.kindOfTriangle(5, 5, 5);
       assertTrue(output.isIsoscelesTriangle());
   public void test_NotTri_1() {
       output = test.kindOfTriangle(2,5,10,0.02);
       assertFalse(output.isRightTriangle());
   public void test_NotTri_2() {
       output = test.kindOfTriangle(11,3,10,0.02);
       assertFalse(output.isRightTriangle());
   public void test_NotTri_3() {
       output = test.kindOfTriangle(-1,15,9,0.02);
       assertFalse(output.isRightTriangle());
   public void test_RighTri_1() {
       output = test.kindOfTriangle(3, 4, 5);
       assertTrue(output.isRightTriangle());
   public void test_RighTri_2() {
       output = test.kindOfTriangle(3, 5, 4);
       assertTrue(output.isRightTriangle());
```



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```
@Test
public void test_RighTri_3() {
    output = test.kindOfTriangle(5, 4, 3);
    assertTrue(output.isRightTriangle());
}
```

Kết quả kiểm thử các test:



Đánh giá độ phủ: 100%

