import org.junit.After;

import org.junit.Before;

import org.junit.Test;

import static org.junit.Assert.\*;

public class GradeBookTester {

private GradeBook g1;

private GradeBook g2;

*@Before*

public void setUp() {

//Creating two new object of GradeBook.

g1 = new GradeBook(5);

g2 = new GradeBook(5);

//Adding the score to each object.

g1.addScore(50);

g1.addScore(75);

g2.addScore(80);

g2.addScore(90);

}

*@After*

public void tearDown() {

//Setting the both object to null.

g1 = null;

g2 = null;

}

*@Test*

public void testSum(){

//Checking the actual sum and sum returned by the sum() are equivalent.

*assertEquals*(125,g1.sum(),0.001);

*assertEquals*(170,g2.sum(),0.001);

}

*@Test*

public void testMinimum(){

//Checking if the minimum score returned by minimum() is equals to actual minimum value.

*assertEquals*(50,g1.minimum(),0.001);

*assertEquals*(80,g2.minimum(),0.001);

}

*@Test*

public void addScoreTest(){

//Checking if the returned string is equal to expected string.

*assertTrue*(g1.toString().equals("50.0 75.0 "));

*assertTrue*(g2.toString().equals("80.0 90.0 "));

}

*@Test*

public void finalScoreTest(){

//Since there are two scores in both g1 and g2 the finalScore will return sum of all scores - minimum score.

*assertEquals*(75,g1.finalScore(),0.001);

*assertEquals*(90,g2.finalScore(),0.001);

}

}