**Calculator.class**

**package** com.example;

**public** **class** Calculator {

**public** **int** add(**int** a,**int** b)

{

**return** a+b;

}

**public** **int** sub(**int** a,**int** b)

{

**return** a-b;

}

**public** **int** mul(**int** a,**int** b)

{

**return** a\*b;

}

}

**CalculatorTest.class**

**package** com.example;

**import** **static** org.junit.Assert.\*;

**import** org.junit.Test;

**public** **class** CalculatorTest {

@Test

**public** **void** testAddition() {

Calculator calc = **new** Calculator();

**int** result = calc.add(5, 3);

*assertEquals*(8, result);

}

@Test

**public** **void** testSubtraction() {

Calculator calc = **new** Calculator();

**int** result = calc.sub(5, 3);

*assertEquals*(2, result);

}

@Test

**public** **void** testMultiplication() {

Calculator calc = **new** Calculator();

**int** result = calc.mul(5, 3);

*assertEquals*(15, result);

}

}

**AllTests.class**

**package** com.example;

**import** org.junit.runner.RunWith;

**import** org.junit.runners.Suite;

@RunWith(Suite.**class**)

@Suite.SuiteClasses({

CalculatorTest.**class**,

})

**public** **class** AllTests {

// This class remains empty. It is used only as a holder for the above annotations.

}