Sure, I can provide you with a basic example of how to use JUnit for testing in Java. In this example, let's create a simple `Calculator` class that has methods for addition and subtraction, and then write JUnit tests to verify its functionality.

1. Create the `Calculator` class:

```java

public class Calculator {

public int add(int a, int b) {

return a + b;

}

public int subtract(int a, int b) {

return a - b;

}

}

```

2. Create a JUnit test class for the `Calculator` class:

```java

import org.junit.jupiter.api.Test;

import static org.junit.jupiter.api.Assertions.assertEquals;

public class CalculatorTest {

@Test

public void testAdd() {

Calculator calculator = new Calculator();

int result = calculator.add(3, 5);

assertEquals(8, result);

}

@Test

public void testSubtract() {

Calculator calculator = new Calculator();

int result = calculator.subtract(10, 4);

assertEquals(6, result);

}

}

```

3. Set up JUnit in your project:

You will need to have JUnit as a dependency in your project. If you're using a build tool like Maven or Gradle, you can add the following dependencies to your project configuration files:

For Maven:

```xml

<dependency>

<groupId>org.junit.jupiter</groupId>

<artifactId>junit-jupiter-api</artifactId>

<version>5.8.0</version>

<scope>test</scope>

</dependency>

```

For Gradle:

```groovy

testImplementation 'org.junit.jupiter:junit-jupiter-api:5.8.0'

```

4. Run the tests:

After setting up the dependencies and writing the test class, you can run the tests using your IDE or build tool. The tests should run, and if everything is working correctly, you should see output indicating that the tests have passed.

JUnit will automatically discover methods annotated with `@Test` and execute them as test cases. The `assertEquals` method is used to verify that the actual output matches the expected output.

Remember that this is just a simple example. In real-world scenarios, your tests would likely cover a broader range of cases and use more advanced testing techniques.