package com.example;  
public class Main {  
 public static void main(String[] args) {  
 System.*out*.printf("Hello and welcome!");  
 for (int i = 1; i <= 5; i++) {  
actionId="ToggleLineBreakpoint"/>.  
 System.*out*.println("i = " + i);  
 }  
 }  
}

<?xml version="1.0" encoding="UTF-8"?>  
<project xmlns="http://maven.apache.org/POM/4.0.0"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">  
 <modelVersion>4.0.0</modelVersion>  
 <groupId>com.example</groupId>  
 <artifactId>JUnitLifecycle</artifactId>  
 <version>1.0-SNAPSHOT</version>  
 <properties>  
 <maven.compiler.source>24</maven.compiler.source>  
 <maven.compiler.target>24</maven.compiler.target>  
 <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>  
 </properties>  
 <dependencies>  
 <dependency>  
 <groupId>junit</groupId>  
 <artifactId>junit</artifactId>  
 <version>4.13.2</version>  
 <scope>test</scope>  
 </dependency>  
 </dependencies>  
</project>

package com.example;  
public class Calculator {  
 public int add(int a, int b) { return a + b; }  
 public int subtract(int a, int b) { return a - b; }  
}

package com.example;  
import org.junit.After;  
import org.junit.Before;  
import org.junit.Test;  
import static org.junit.Assert.\*;  
public class CalculatorTest {  
 private Calculator calculator;  
 @Before  
 public void setUp() {  
 calculator = new Calculator();  
 System.*out*.println("Setup done.");  
 }  
 @After  
 public void tearDown() {  
 calculator = null;  
 System.*out*.println("Teardown done.");  
 }  
 @Test  
 public void testAdd() {  
 int result = calculator.add(2, 3);  
 *assertEquals*(5, result);  
 }  
 @Test  
 public void testSubtract() {  
 int result = calculator.subtract(10, 3);  
 *assertEquals*(7, result);  
 }  
}

OUTPUT:

