## **Teardown Methods in JUnit**

```
package com.example;
import org.junit.jupiter.api.*;
import static org.junit.jupiter.api.Assertions.*;
public class CalculatorTest {
 private Calculator calculator;
 @BeforeEach
 void setUp() {
   calculator = new Calculator();
   System.out.println("BeforeEach: Calculator created");
 }
 @AfterEach
 void tearDown() {
   calculator = null;
   System.out.println("AfterEach: Calculator set to null");
 }
 @AfterAll
 static void afterAllTests() {
   System.out.println("AfterAll: All tests completed.");
 }
```

```
@Test
void testAdd() {
    assertEquals(5, calculator.add(2, 3));
}
@Test
void testSubtract() {
    assertEquals(1, calculator.subtract(4, 3));
}
```

## **OUTPUT:**

}

```
eclipse-workspace - junitdemo/src/test/java/com/example/CalculatorTest.java - Eclipse IDE
© Project Explorer ×

□ exp-6

□ Experiments

□ Experiments

□ FinancialForecast

□ Hackathon (boot)

□ handloom-app

□ handmadeshop-master

□ HCQL

□ Isdocaptcha (in jisdcrud)

□ binitidem
                                                                         static void afterAllTests() {
                                                                                  System.out.println("AfterAll: All tests completed.");
                                                          29
30
                                                                         void testAdd() {
                                                                                  assertEquals(5, calculator.add(2, 3));

    □ Jisacaptcha (in Jisacrua)
    □ Jiunitdemo
    ○ Src/main/java
    ○ Maccomple
    ○ Calculator.java
    ○ Calculator
    ○ Src/main/resources
                                                                          void testSubtract() {
                                                                                   assertEquals(1, calculator.subtract(4, 3));
  > @ src/main/resources

> @ src/main/resources

> @ src/main/resources

> @ calculatorTest.java

> @ src/test/resources

> m. JRE System Library [JavaSE-1.8]
                                                          39
 #*Data Source Explore □ Properties □ Console × ₺ Outline dr JUnit <a href="terminal">terminal</a> #*Data Source Explore □ Properties □ Console × ₺ Outline dr JUnit <a href="terminate">terminateb Calculatoriest (1) [JUnit] CAProgram Files/Java/jdk-17/bin/javaw.ere (30 Jun 2025, 12:1337 pm - 12:1338 pm) [pid: 25512]</a>
BeforeEach: Calculator created

### AfterEach: Calculator set to null BeforeEach: Calculator created
                                                                                                                                                                                                                                  AfterEach: Calculator set to null
                                                        AfterAll: All tests completed.
  Shopping_Cart (in shopping-cart-spring-b)SingletonDemo
```