**Lifecycle Methods**

@BeforeEach, @Test, @AfterEach

setup(), testmethod(), teardown()

**package** junitTestScripts;

**import** org.junit.jupiter.api.AfterEach;

**import** org.junit.jupiter.api.BeforeEach;

**import** org.junit.jupiter.api.Test;

**public** **class** BeforeEachAfterEach {

// @BeforeEach : execute the method before each test method

JavaOperations obj;

// @BeforeEach is used to signal that the annotated method should beexecuted before each @Test

@BeforeEach

**public** **void** setup()

{

System.***out***.println("Start DB connection");

obj = **new** JavaOperations();

}

@Test

**public** **void** method1()

{

System.***out***.println("Hello Junit");

}

@Test

**public** **void** method2()

{

System.***out***.println("Test code of Java operations class");

}

// @AfterEach : exeucte the method after each test method

// @AfterEach is used to signal that the annotated method should be executed after each @Test

@AfterEach

**public** **void** teardown()

{

System.***out***.println("Close DB connections");

}

}

**@BeforeALL , @AfterALL ,@TestInstance.lifecycle**

**package** junitTestScripts;

**import** org.junit.jupiter.api.AfterAll;

**import** org.junit.jupiter.api.AfterEach;

**import** org.junit.jupiter.api.BeforeAll;

**import** org.junit.jupiter.api.BeforeEach;

**import** org.junit.jupiter.api.Test;

**import** org.junit.jupiter.api.TestInstance;

//@TestInstance is a type-level annotation that is used to configurethe lifecycle of test instances for the annotatedtest class or test interface.

@TestInstance(TestInstance.Lifecycle.***PER\_CLASS***)

**public** **class** BeforeALLAfterALL {

JavaOperations obj;

// @BeforeAll is used to signal that the annotated method should beexecuted before all tests in the current test class

@BeforeAll

**public**  **void** setup()

{

System.***out***.println("Start DB connection");

obj = **new** JavaOperations();

}

@Test

**public** **void** method1()

{

System.***out***.println("Hello Junit");

}

@Test

**public** **void** method2()

{

System.***out***.println("Test code of Java operations class");

}

// @AfterAll is used to signal that the annotated method should be executed after all tests in the current test class.

@AfterAll

**public** **void** teardown()

{

System.***out***.println("Close DB connections");

}

}