a)Standard Testclass.java

package com.ecommerce.tests;

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

import static org.junit.jupiter.api.Assumptions.assumeTrue;

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.Disabled;

import org.junit.jupiter.api.DisplayName;

import org.junit.jupiter.api.Test;

import org.junit.platform.runner.JUnitPlatform;

import org.junit.runner.RunWith;

@SuppressWarnings("deprecation")

@DisplayName("JUnit 5 Standard Test Class Example")

@RunWith(JUnitPlatform.class)

public class StandardTestClass {

@BeforeAll

static void initAll() {

System.out.println("initAll()");

}

@BeforeEach

void init() {

System.out.println("init()");

}

@Test

void succeedingTest() {

System.out.println("succeedingTest()");

}

@Test

void failingTest() {

System.out.println("failingTest()");

fail("a failing test");

}

@Test

@Disabled("for demonstration purposes")

void skippedTest() {

// not executed

}

@Test

void abortedTest() {

System.out.println("abortedTest()");

assumeTrue("abc".contains("Z"));

fail("test should have been aborted");

}

@AfterEach

void tearDown() {

System.out.println("tearDown()");

}

@AfterAll

static void tearDownAll() {

System.out.println("tearDownAll()");

}

}

Output:

