1. Write a program to demonstrate standard tests.

```
pom.xml:
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven- 4.0.0.xsd">
<modelVersion>4.0.0</modelVersion>
<groupId>UsingJUnit
<artifactId>UsingJUnit</artifactId>
<version>0.0.1-SNAPSHOT</version>
<dependencies>
<dependency>
<groupId>org.junit.jupiter</groupId>
<artifactId>junit-jupiter-api</artifactId>
<version>5.7.2</version>
<scope>test</scope>
</dependency>
<dependency>
<groupId>org.junit.jupiter</groupId>
<artifactId>junit-jupiter-engine</artifactId>
<version>5.7.2</version>
</dependency>
<dependency>
<groupId>org.junit.platform</groupId>
<artifactId>junit-platform-launcher</artifactId>
<version>1.2.0</version>
</dependency>
</dependencies>
<build>
<plugins>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-compiler-plugin</artifactId>
<version>3.8.1</version>
<configuration>
<source>8</source>
<target>8</target>
</configuration>
</plugin>
</plugins>
```

```
</build>
</project>
StandardTestClass.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.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;
@DisplayName("JUnit 5 Standard Test Class Example") 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()");
}}
```

Output:

