

Write a program to demonstrate assertions.

Pom.xml:

```
<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>UsingJUnit</groupId>
    <artifactId>UsingJUnit</artifactId>
    <version>0.0.1-SNAPSHOT</version>

    <dependencies>
        <dependency>
            <groupId>org.junit.jupiter</groupId>
            <artifactId>junit-jupiter-engine</artifactId>
            <version>5.4.2</version>
        </dependency>

        <dependency>
            <groupId>org.junit.platform</groupId>
            <artifactId>junit-platform-launcher</artifactId>
            <version>1.2.0</version>
        </dependency>
    </dependencies>
</project>
```

Assertions.java:

```
package com.ecommerce.tests;

import static org.junit.jupiter.api.Assertions.assertArrayEquals;
import static org.junit.jupiter.api.Assertions.assertEquals;
import static org.junit.jupiter.api.Assertions.assertFalse;
import static org.junit.jupiter.api.Assertions.assertNotEquals;
import static org.junit.jupiter.api.Assertions.assertNotNull;
import static org.junit.jupiter.api.Assertions.assertNotSame;
import static org.junit.jupiter.api.Assertions.assertNull;
import static org.junit.jupiter.api.Assertions.assertSame;
import static org.junit.jupiter.api.Assertions.assertThrows;
import static org.junit.jupiter.api.Assertions.assertTrue;

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

@DisplayName("JUnit 5 Assertions Example")

public class Assertions {

    @Test
    @DisplayName("assert Examples")
    public void assertTests() {
        String str = null;
        String str2 = "some value";
    }
}
```

```
String[] a1 = { "A", "B" };
String[] a2 = { "A", "B" };

assertTrue(4 > 0);
assertFalse(5 < 1);
assertNull(str);
assertNotNull(str2);

assertSame(str, str);
assertNotSame(str, str2);

assertEquals(5, 5);
assertNotEquals(5, 6);

assertArrayEquals(a1, a2);

assertThrows(RuntimeException.class, () -> {
    throw new RuntimeException();
});
}

}
```