Ejercicio 2.


```java
import junit.framework.TestSuite;

/**
 * Unit test for simple App.
 */
public class AppTest
    extends TestCase
{
    /**
     * Create the test case
     *
     * @param testName name of the test case
     */
    public AppTest( String testName )
    {
        super( testName );
    }

    /**
     * @return the suite of tests being tested
     */
    public static Test suite()
    {
        return new TestSuite( AppTest.class );
    }

    /**
     * Rigourous Test :-)
     */
    public void testApp()
    {
        assertTrue( true );
```

Markers   Properties   Servers   Data Source Explorer   Snippets   Console ✕   JUnit

<terminated> App [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (16 ago. 2021 11:35:10 – 11:35:10)
Hello World!

Ejercicio 3:


```java
package com.tecsup.lab1.exampleMaven;

public class miaplicacion {
    public static void main(String[]args) {
        //TODO auto-generated method stub
        final String str ="Hola!";

        miaplicacion appObject = new
miaplicacion();
        System.out.println("La cadena invertida de \"" + str + "\" es \""+ appObject.reverseString(str) + "\"");
    }

    public String reverseString(String src) {
        return new StringBuilder(src).reverse().toString();
    }

}
```
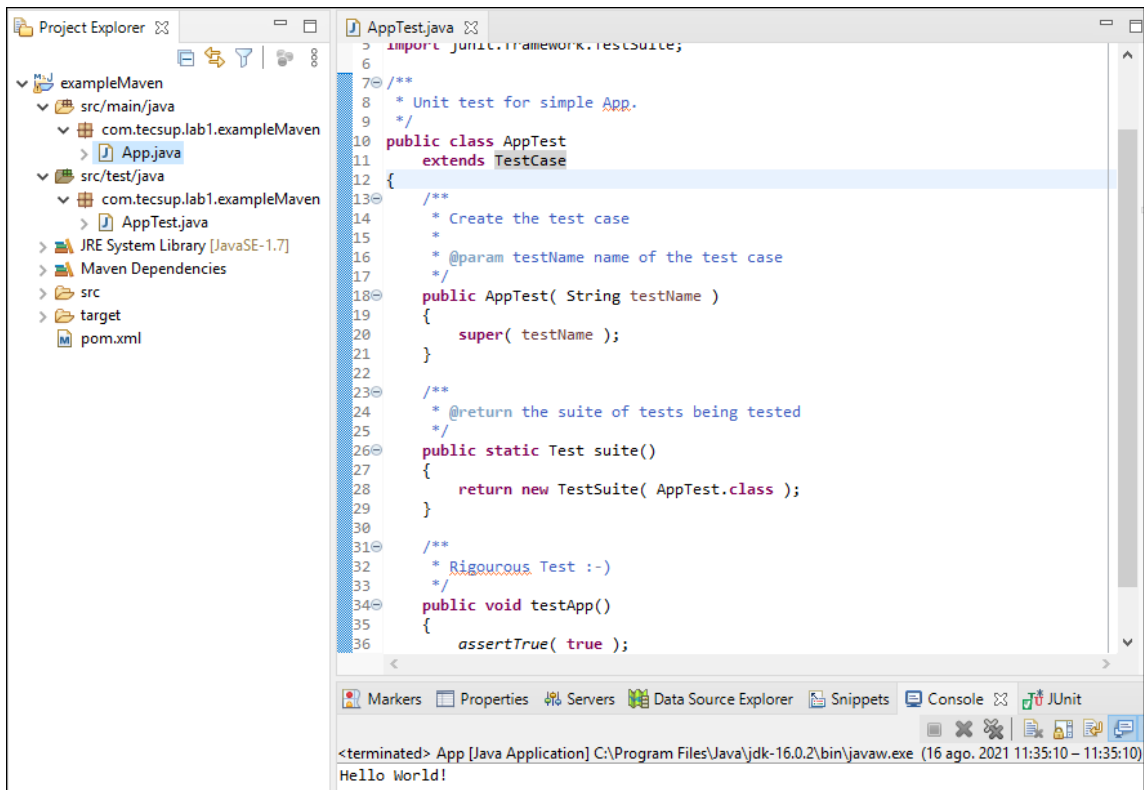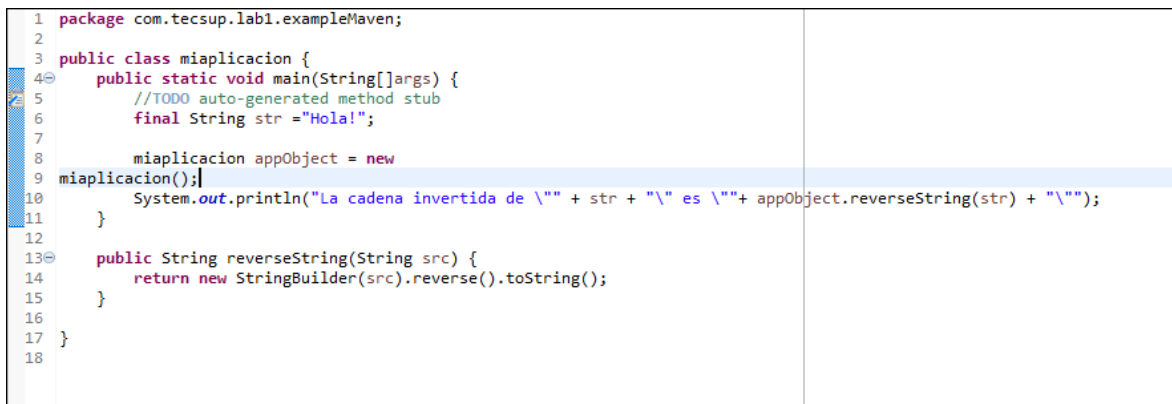
```java
1  package com.tecsup.lab1.exampleMaven;
2
3  import org.junit.Assert;
4
5  import org.junit.Test;
6
7  public class miaplicacionTest {
8      @Test
9      public void testApp() {
10         miaplicacion appObject = new miaplicacion();
11         Assert.assertEquals(appObject.reverseString("Hola!"), "!aloH");
12     }
13
14 }
15
```

Markers   Properties   Servers   Data Source Explorer   Snip

<terminated> miaplicacion [Java Application] C:\Program Files\Java\jdk-16.0

La cadena invertida de "Hola!" es "!aloH"

```
exampleMaven
  src/main/java
    com.tecsup.lab1.exampleMav
      App.java
      miaplicacion.java
  src/test/java
  JRE System Library [JavaSE-1.7]
  Maven Dependencies
    junit-4.13.1.jar - C:\Users\DAV
    hamcrest-core-1.3.jar - C:\Us
  src
  target
  pom.xml
```

```xml
17      <maven.compiler.source>1.7</maven.compiler.sourc
18      <maven.compiler.target>1.7</maven.compiler.targe
19    </properties>
20
21    <dependencies>
22      <dependency>
23        <groupId>junit</groupId>
24        <artifactId>junit</artifactId>
25        <version>4.13.1</version>
26        <scope>test</scope>
27 </dependency>
28
29    </dependencies>
30
31    <build>
32      <pluginManagement><!-- lock down plugins version
```