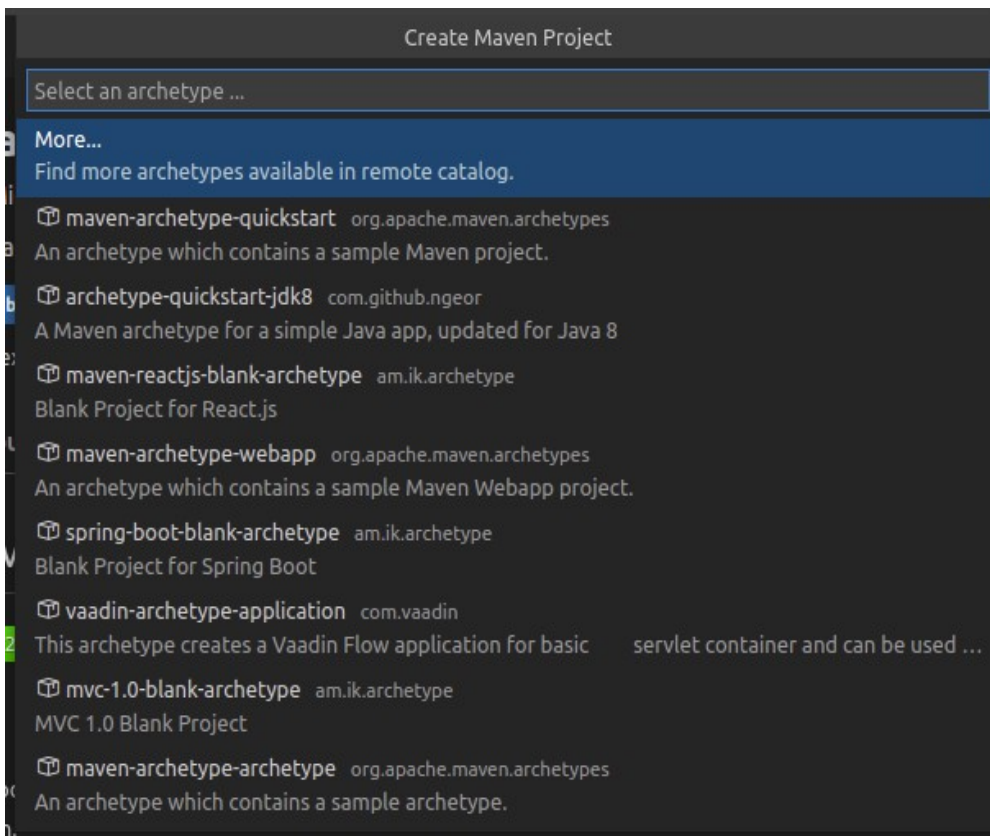
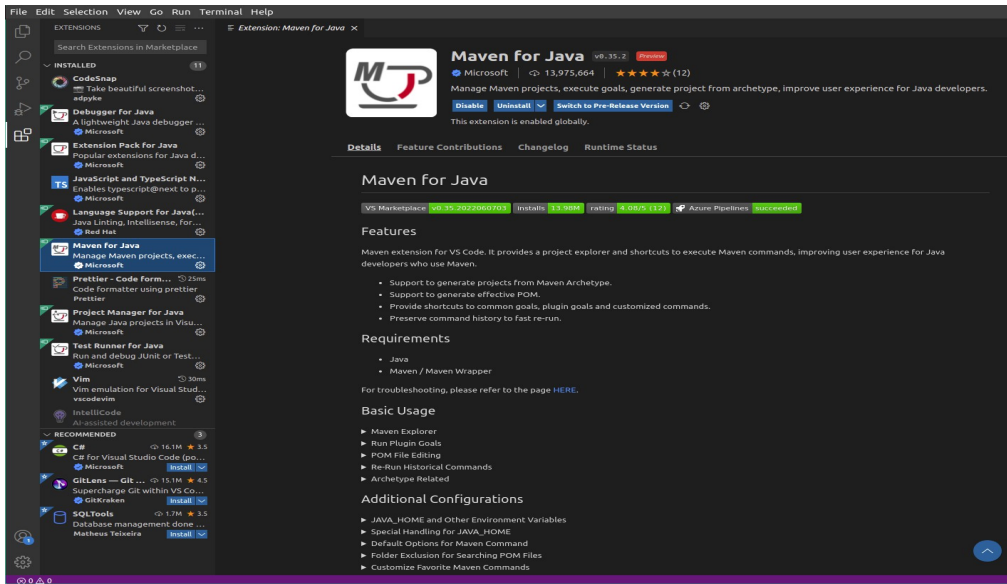
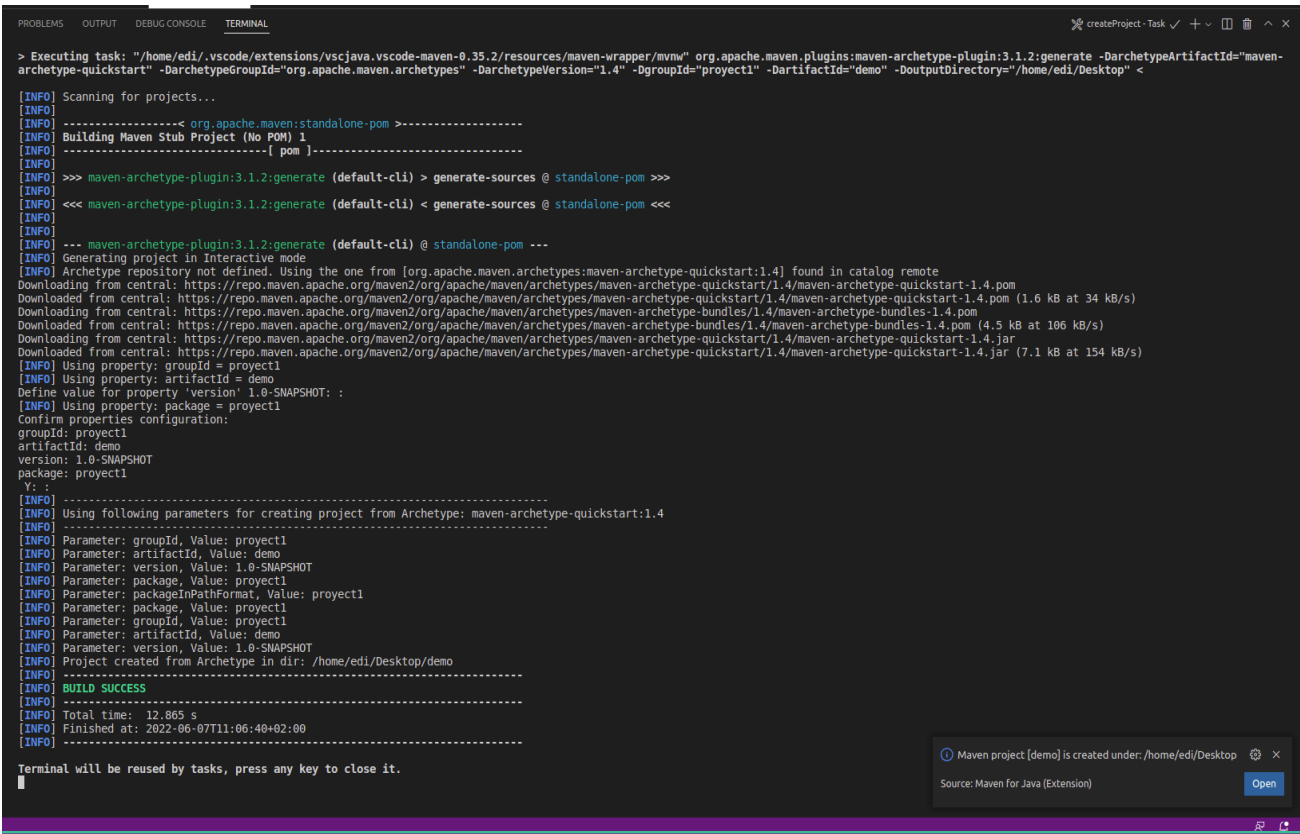
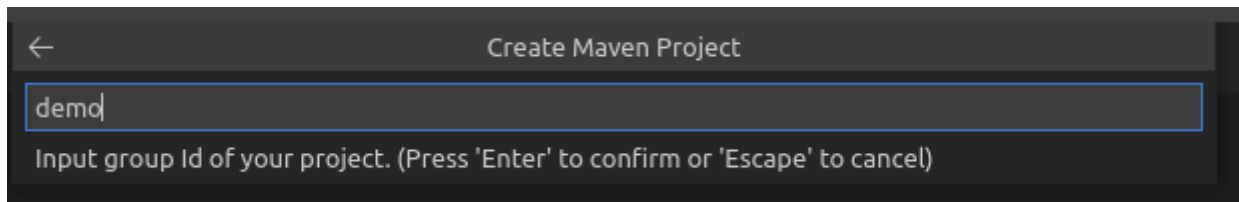
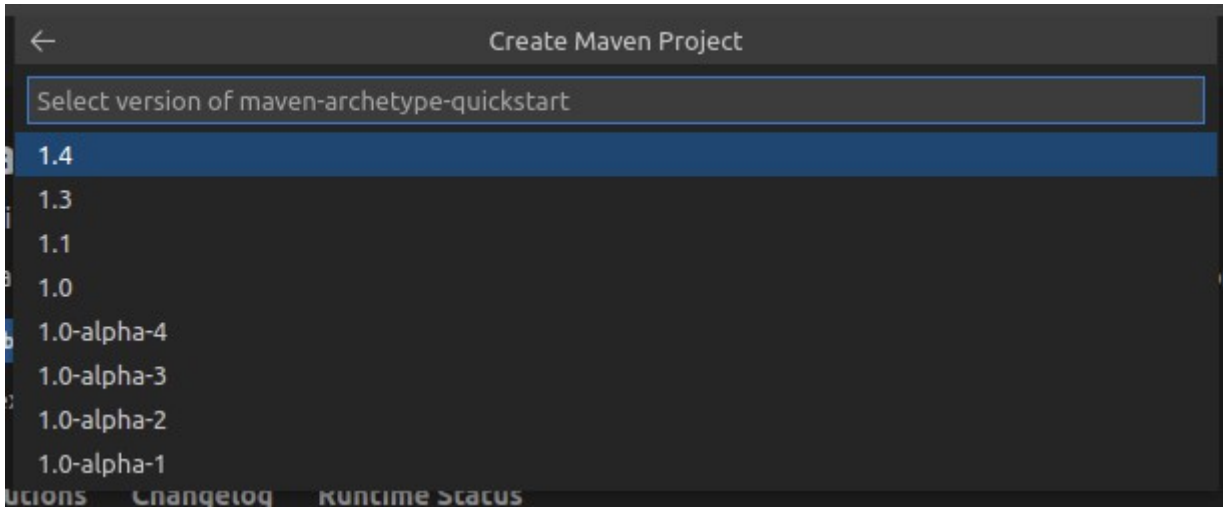


Práctica 1 – Conociendo Maven

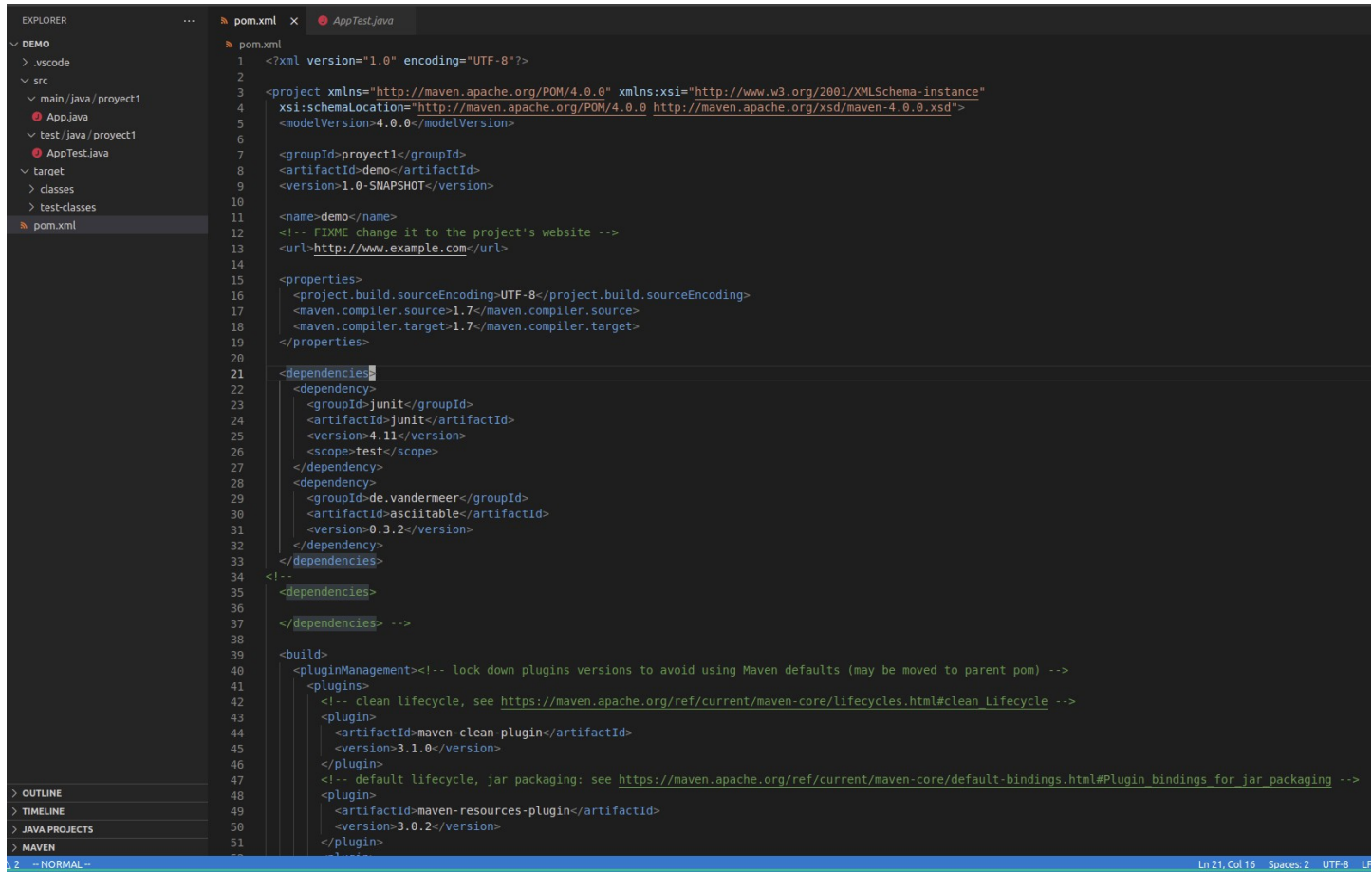
1. Crea un proyecto MAVEN con el arquetipo "QuickStart"



2. Introduce un groupId, un artifactId y una versión para tu proyecto siguiendo las convenciones del versionado semántico.



3. Introduce la dependencia de la siguiente libreria para poderla utilizar en nuestra aplicaci3n



The screenshot shows an IDE with a project named 'DEMO'. The 'pom.xml' file is open, displaying the following XML content:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2
3 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
5   <modelVersion>4.0.0</modelVersion>
6
7   <groupId>project1</groupId>
8   <artifactId>demo</artifactId>
9   <version>1.0-SNAPSHOT</version>
10
11   <name>demo</name>
12   <!-- FIXME change it to the project's website -->
13   <url>http://www.example.com</url>
14
15   <properties>
16     <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
17     <maven.compiler.source>1.7</maven.compiler.source>
18     <maven.compiler.target>1.7</maven.compiler.target>
19   </properties>
20
21   <dependencies>
22     <dependency>
23       <groupId>junit</groupId>
24       <artifactId>junit</artifactId>
25       <version>4.11</version>
26       <scope>test</scope>
27     </dependency>
28     <dependency>
29       <groupId>de.vandermeer</groupId>
30       <artifactId>asciitable</artifactId>
31       <version>0.3.2</version>
32     </dependency>
33   </dependencies>
34   <!--
35   <dependencies>
36   </dependencies> -->
37
38
39   <build>
40     <pluginManagement><!-- lock down plugins versions to avoid using Maven defaults (may be moved to parent pom) -->
41     <plugins>
42       <!-- clean lifecycle, see https://maven.apache.org/ref/current/maven-core/lifecycles.html#clean_Lifecycle -->
43       <plugin>
44         <artifactId>maven-clean-plugin</artifactId>
45         <version>3.1.0</version>
46       </plugin>
47       <!-- default lifecycle, jar packaging: see https://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin_bindings_for_jar_packaging -->
48       <plugin>
49         <artifactId>maven-resources-plugin</artifactId>
50         <version>3.0.2</version>
51       </plugin>
52     </plugins>
53   </build>
54 </project>
```

4. Crea una aplicacion que muestre por pantalla el contenido de la siguiente tabla utilizando la libreria importada.

EXPLORER

DEMO

- .vscode
- src
 - main/java/project1
 - App.java
 - test/java/project1
 - AppTest.java
 - target
 - classes
 - test-classes
 - pom.xml

src > main > java > project1 > App.java > ...

```
1 package project1;
2
3 import de.vandermeer.asciitable.Asciitable;
4
5 public class App
6 {
7     Run | Debug
8     public static void main( String[] args )
9     {
10         AsciiTable at = new AsciiTable();
11         at.addRule();
12         at.addRow("Nombre", "Apellidos", "Edad", "Profesión");
13         at.addRule();
14         at.addRow("Pepe", "García", "22", "Designer");
15         at.addRule();
16         at.addRow("Miquel", "Muñoz", "30", "Backend developer");
17         at.addRule();
18         at.addRow("Cristian", "Chiclana", "40", "FullStack Developer");
19         at.addRule();
20         at.addRow("Ana Maria", "Peris", "50", "FrontEnd Developer");
21         at.addRule();
22
23         String rend = at.render();
24
25         System.out.println(rend);
26     }
27 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Run: App + - - - - -

(~/Desktop/demo) (11:24:50) → cd /home/edi/Desktop/demo ; /usr/bin/env /home/edi/jdk-17.0.3+7/bin/java -XX:+ShowCodeDetailsInExceptionMessages @/tmp/cp_6lncb74pfhzvs2tex10vayrp0.argfile project1.App (edi@edison:pts/1)

Nombre	Apellidos	Edad	Profesión
Pepe	García	22	Designer
Miquel	Muñoz	30	Backend developer
Cristian	Chiclana	40	FullStack Developer
Ana Maria	Peris	50	FrontEnd Developer

(~/Desktop/demo) (11:25:03) → [] (edi@edison:pts/1) (mar, jun07)

> OUTLINE

> TIMELINE

> JAVA PROJECTS

> MAVEN