

Documentation to run Currency Converter in Command Prompt:

Greeting Seniors, this is a **Currency Converter** program designed in java programming language to run in the Command Prompt and terminal of any suitable IDE.

This is a **MAVEN PROJECT**. This uses External API to fetch real-time data of currencies all over the world.

The API used in this project is specified below:

<https://exchangeratesapi.io/>

This Documentation contain the steps and prompts to run and execute this program in the **Command Prompt** of **Windows operating** System.

Step 1.

Download Maven:

Visit the Apache Maven download page and download the latest version of Apache Maven.

Step 2.

Extract Maven:

Extract the downloaded Maven archive to the program files directory in the C drive on your computer.

Step 3.

Set path:

Open (search in the windows search bar) "*Edit the System Environment variable*" and set path to maven (assuming you know how to do it).

Step 4.

Maven installation check:

Open command prompt and type :

```
mvn -version
```

If the answer comes as:

```
C:\Users\DELL>mvn -version
Apache Maven 3.9.6 (bc0240f3c744dd6b6ec2920b3cd08dcc295161ae)
Maven home: C:\Program Files\apache-maven-3.9.6
Java version: 20.0.1, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-20
Default locale: en_IN, platform encoding: UTF-8
OS name: "windows 11", version: "10.0", arch: "amd64", family: "windows"
```

Then you have successfully installed Maven, now let's start Executing the program.

Step 5.

Project folder:

navigate to the folder which contain this project(assuming folder is in C:drive inside eclipse-workspace/CurrencyConverter)

```
C:\Users\DELL>cd C:\eclipse-workspace\CurrencyConverter
```

Step 6.

Installation of libraries:

```
mvn clean install
```

This will install all the artifacts, external libraries and jars.

Step 7.

Compiling the program:

```
mvn clean compile
```

This will compile the program and specify if it contains any error. If the program has no problem then its good to go.

Step 8.

Execution:

```
mvn exec:java
```

This will Execute the program, it uses exec-maven-plugin from codehaus already specified in the pom.xml

Then the final interface will be like:

```
Options:
1. Convert
2. Add to Favorites
3. Remove from Favorites
4. View Favorites
5. Supported Currency Codes
6. Exit
```

Now go on as the program takes you, it has several functionalities you just need to specify the serial number and press enter.

**** Note: When converting Currencies(option 1) enter the Currency Codes always in Capital. You can also check for the codes by selecting option 5. ****