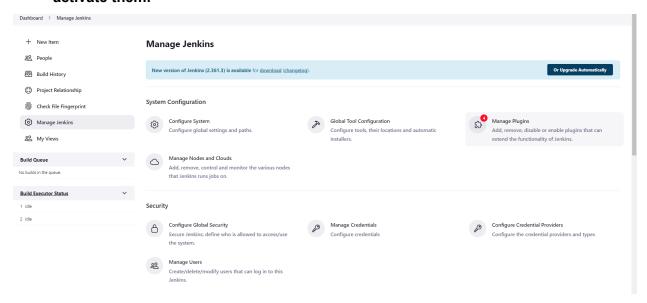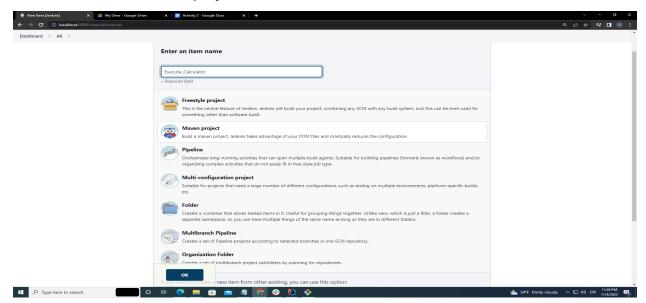1. **The very first thing we need to do is set up the maven integration plugins and activate them.**

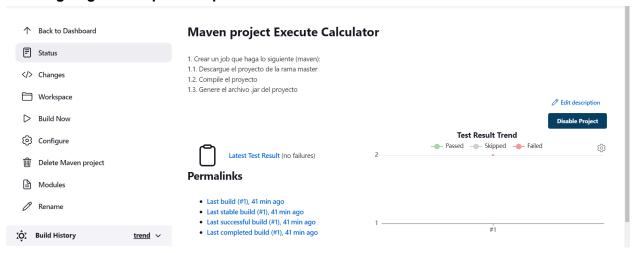

2. **We would need to verify that it is up and running.**
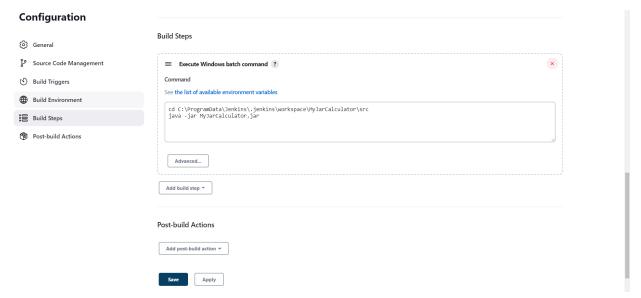

3. **We are going to select the "+" icon in order to add a new maven project, and select a name for the project.**
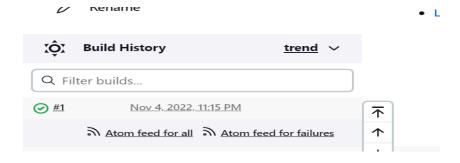
4. We are going to set up the steps we need to achieve.

↑ Back to Dashboard

▤ Status

</> Changes

▢ Workspace

▷ Build Now

⚙ Configure

🗑 Delete Maven project

▤ Modules

✎ Rename

⚙ Build History   trend ⌄

Maven project Execute Calculator

1. Crear un job que haga lo siguiente (maven):
1.1. Descargue el proyecto de la rama master
1.2. Compile el proyecto
1.3. Genere el archivo .jar del proyecto

✎ Edit description

Disable Project

Test Result Trend
— Passed — Skipped — Failed

Latest Test Result (no failures)

Permalinks

- Last build (#1), 41 min ago
- Last stable build (#1), 41 min ago
- Last successful build (#1), 41 min ago
- Last completed build (#1), 41 min ago

2

1

#1

5. We are going to type the commands in order to save the job by clicking in apply then save.

Configuration

⚙ General

⅛ Source Code Management

⏱ Build Triggers

🌐 Build Environment

☰ Build Steps

📦 Post-build Actions

Build Steps

☰ **Execute Windows batch command** ?   ✕

Command

See the list of available environment variables

```
cd C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src
java -jar MyJarCalculator.jar
```

Advanced...

Add build step ▾

Post-build Actions

Add post-build action ▾

Save   Apply

6. After that we are going to click on the number next to the green tick and it is going to take you to the (console output).

✓ Rename   • L

⚙ **Build History**   trend ⌄

🔍 Filter builds...

✓ #1   Nov 4, 2022, 11:15 PM

🔊 Atom feed for all 🔊 Atom feed for failures

⊼

↑

7. On this part we are going to verify if the test went through, and we are going to verify that the Test went through correctly.

```
------------------------------------------------------
 T E S T S
------------------------------------------------------
Running com.github.jitpack.AppTest
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.07 sec

Results :

Tests run: 2, Failures: 0, Errors: 0, Skipped: 0

[JENKINS] Recording test results
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ maven-simple ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-
archiver/2.5/maven-archiver-2.5.pom
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-
archiver/2.5/maven-archiver-2.5.pom (4.5 kB at 27 kB/s)
```

```
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  01:34 min
[INFO] Finished at: 2022-11-04T23:32:07-05:00
[INFO] ------------------------------------------------------------------------
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\ProgramData\Jenkins\.jenkins\workspace\Execute Calculator\pom.xml to
com.github.jitpack/maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT.pom
[JENKINS] Archiving C:\ProgramData\Jenkins\.jenkins\workspace\Execute Calculator\target\maven-simple-0.2-
SNAPSHOT.jar to com.github.jitpack/maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT.jar
[JENKINS] Archiving C:\ProgramData\Jenkins\.jenkins\workspace\Execute Calculator\target\maven-simple-0.2-
SNAPSHOT-sources.jar to com.github.jitpack/maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT-sources.jar
[JENKINS] Archiving C:\ProgramData\Jenkins\.jenkins\workspace\Execute Calculator\target\maven-simple-0.2-
SNAPSHOT-javadoc.jar to com.github.jitpack/maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT-javadoc.jar
channel stopped
Finished: SUCCESS
```

8. The last step is going back to the dashboard and verifying that it has the green check mark.

| People |
| Build History |
| Project Relationship |
| Check File Fingerprint |
| Manage Jenkins |

All +

S	W	Name ↓	Last Success		Last Failure	Last Duration	
⊘	☼	Execute Calculator	35 min	#1	N/A	1 min 51 sec	▷
⊘	☼	Execute-Calculator ⌄	50 min	#1	N/A	1.2 sec	▷
⊘	☼	MyJarCalculator	58 min	#5	N/A	5.4 sec	▷