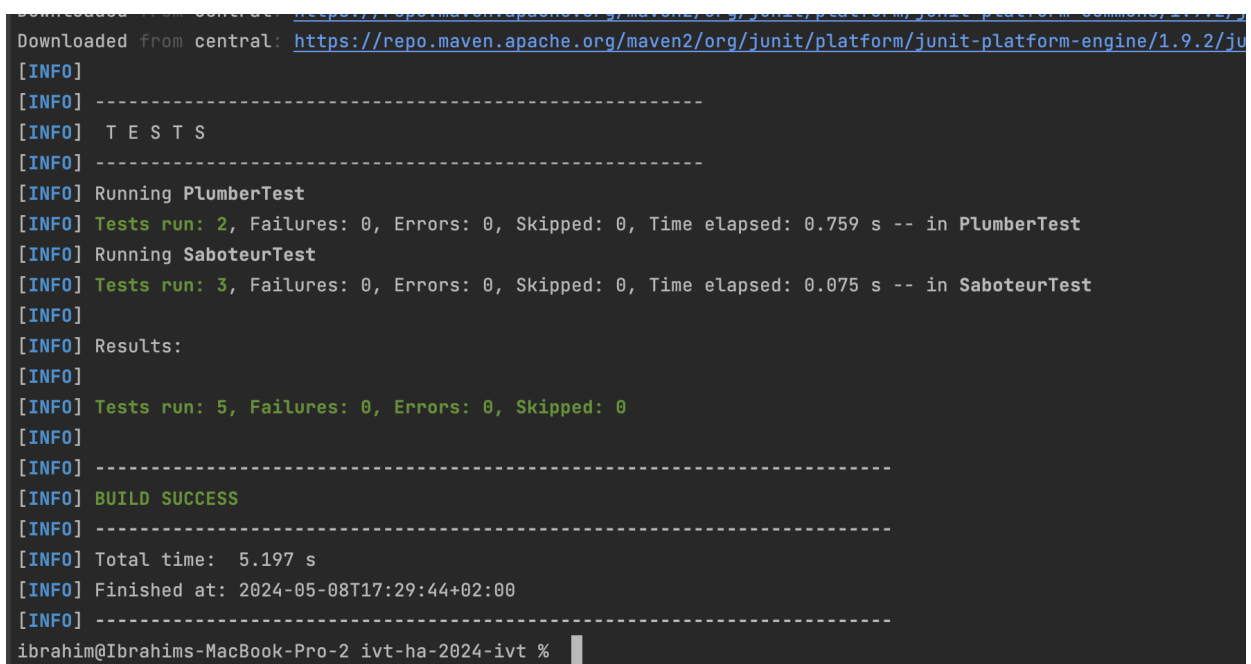


Integrating Maven into our project was a strategic move to streamline our development workflow. We started by grabbing Maven from the official Apache Maven website, a reliable source. Once installed, we kicked things off by running a specific Maven command in our project directory:

```
mvn archetype:generate -DgroupId=ivt.nafez.ibrahim.hana
-DArtifactId=ivt-ha-2024-ivt -DarchetypeArtifactId=maven-archetype-quickstart
-DinteractiveMode=false
```

This command instructed Maven to set up the foundational structure for our project. We provided essential details like the group ID and artifact ID, defining the project's identity. Opting for the 'maven-archetype-quickstart' archetype ensured a straightforward project layout. Once executed, Maven efficiently created all necessary directories and files, including the crucial 'pom.xml' configuration file, which manages project dependencies and settings. By integrating Maven in this manner, we established a standardized approach to development, enhancing project organization and maintainability. With Maven's automation capabilities, our project is now poised for efficient and hassle-free development.

The screenshot below shows how our tests are running in MAVEN.

A terminal window showing the output of a Maven command. The output includes a download link for the junit-platform-engine, followed by test results for PlumberTest and SaboteurTest. The tests passed successfully, and the build was successful. The terminal output is as follows:

```
Downloaded from central: https://repo.maven.apache.org/maven2/org/junit/platform/junit-platform-engine/1.9.2/ju
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running PlumberTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.759 s -- in PlumberTest
[INFO] Running SaboteurTest
[INFO] Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.075 s -- in SaboteurTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 5.197 s
[INFO] Finished at: 2024-05-08T17:29:44+02:00
[INFO] -----
ibrahim@Ibrahims-MacBook-Pro-2 ivt-ha-2024-ivt %
```