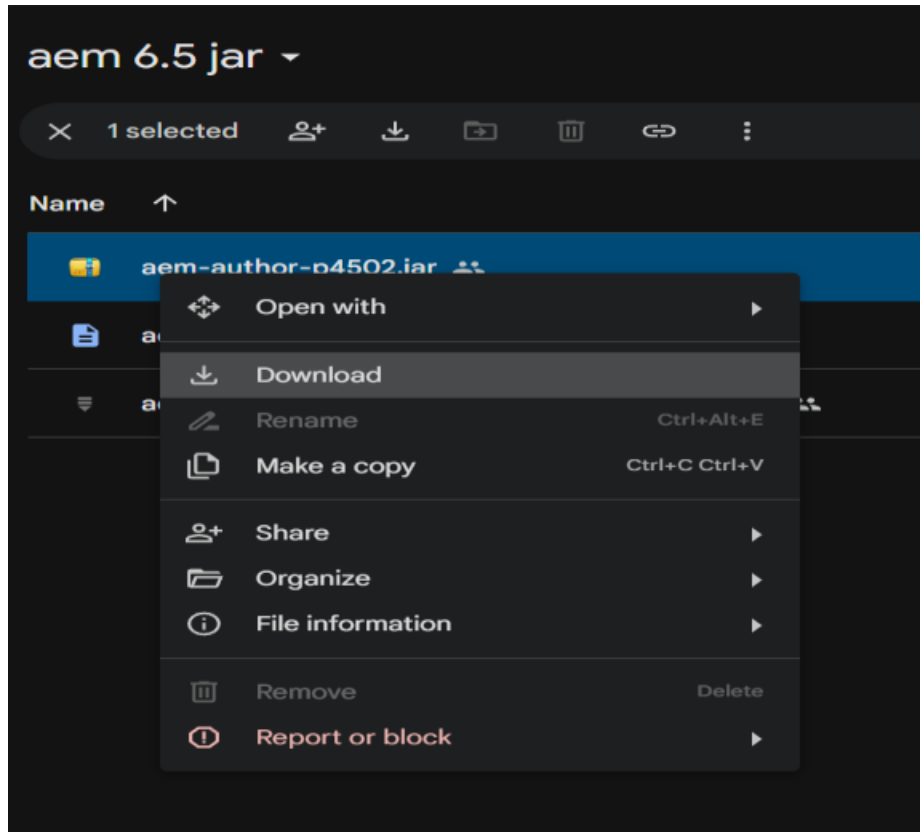


AEM Task – 1

Step 1: Set Up AEM Locally

1.Download AEM Jar file from the drive link

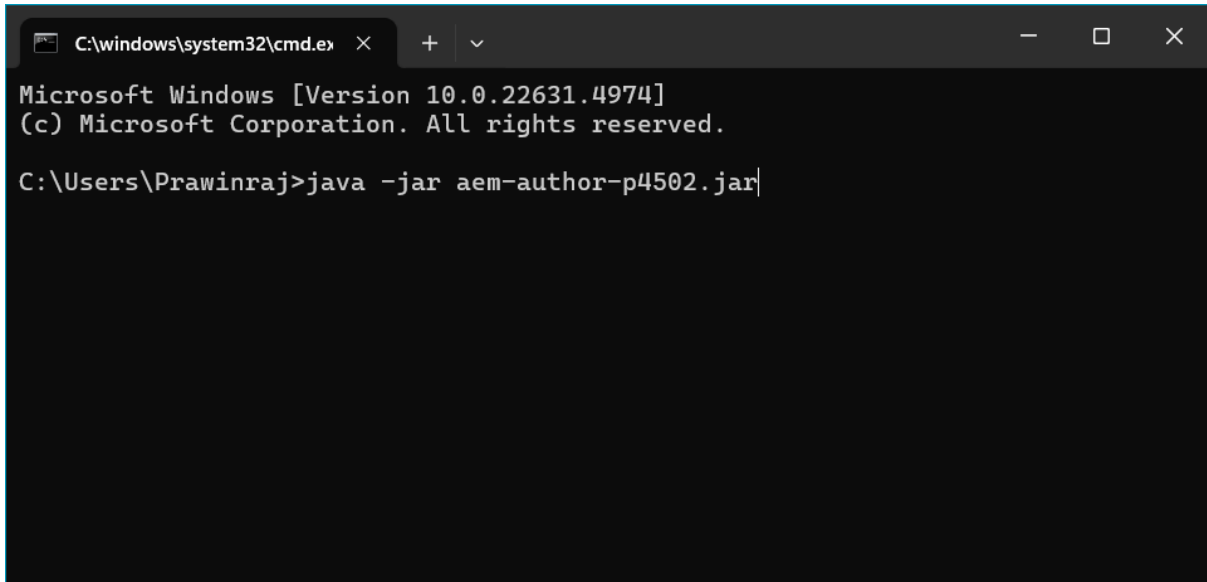


2.Extract the file into a folder

| File Explorer Header | | | | |
|----------------------------|---------------------|----------------|-------------|--|
| ↑↓ Sort ▾ ≡ View ▾ ⋮ | | | | |
| Name | Date modified | Type | Size | |
| 📁 aem-author-p4502 | 03-03-2025 09:18 AM | File folder | | |
| 📁 crx-quickstart | 03-03-2025 10:46 AM | File folder | | |
| 📄 aem-author-p4502 | 03-03-2025 08:21 AM | WinRAR archive | 3,93,550 KB | |

Step 2: Start AEM Author Instance

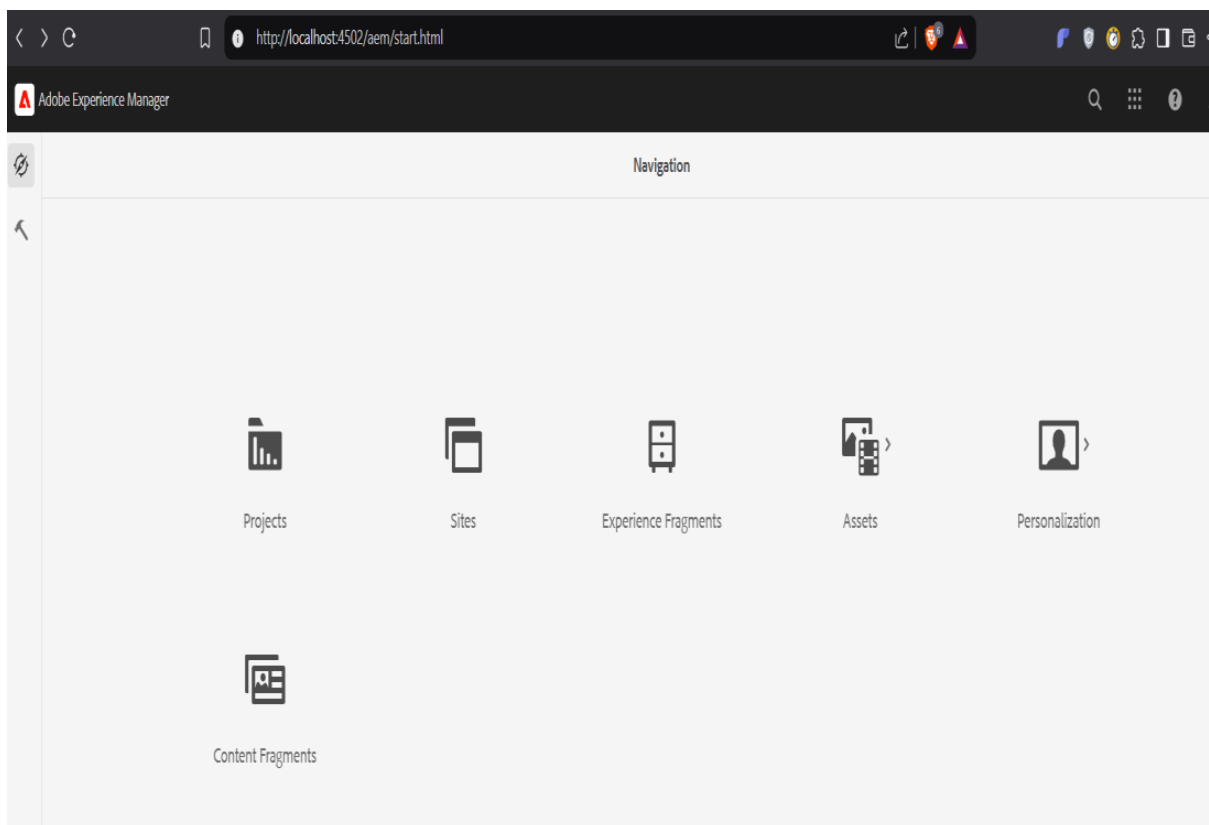
1. Start the AEM setup in command prompt, by run the cmd as shown below.



```
C:\windows\system32\cmd.exe
Microsoft Windows [Version 10.0.22631.4974]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Prawinraj>java -jar aem-author-p4502.jar
```

2. Go to browser and search <http://localhost:4502> , to get AEM login screen



Step 3: Create AEM Project Structure

1. Download Maven

What's new in Maven 4?

DOCUMENTATION

[Maven Plugins](#)

[Maven Extensions](#)

[Maven Tools](#)

[index \(category\)](#)

[User Centre](#)

[Plugin Developer Centre](#)

[Maven Repository Centre](#)

[Maven Developer Centre](#)

Books and Resources

Security

COMMUNITY

[Community Overview](#)

[Project Roles](#)

[How to Contribute](#)

[Getting Help](#)

[Issue Management](#)

Disk Approximately 10MB is required for the Maven installation itself. In addition to that, disk space will be used for your local Maven repository. The repository will vary depending on usage but expect at least 500MB.

Operating System No minimum requirement. Start up scripts are included as shell scripts (tested on many Unix flavors) and Windows batch files.

Files

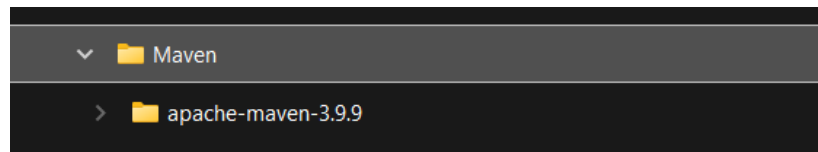
Maven is distributed in several formats for your convenience. Simply pick a ready-made binary distribution archive and follow the [installation instructions](#). Use a source archive if you want to build Maven yourself.

In order to guard against corrupted downloads/installations, it is highly recommended to [verify the signature](#) of the release bundles against the public [KEYS](#) used by the Apache Software Foundation.

| | Link | Checksums | Signature |
|-----------------------|---|--|---|
| Binary tar.gz archive | apache-maven-3.9.9-bin.tar.gz | apache-maven-3.9.9-bin.tar.gz.sha512 | apache-maven-3.9.9-bin.tar.gz.asc |
| Binary zip archive | apache-maven-3.9.9-bin.zip | apache-maven-3.9.9-bin.zip.sha512 | apache-maven-3.9.9-bin.zip.asc |
| Source tar.gz archive | apache-maven-3.9.9-src.tar.gz | apache-maven-3.9.9-src.tar.gz.sha512 | apache-maven-3.9.9-src.tar.gz.asc |
| Source zip archive | apache-maven-3.9.9-src.zip | apache-maven-3.9.9-src.zip.sha512 | apache-maven-3.9.9-src.zip.asc |

- [3.9.9 Release Notes](#) and [Release Reference Documentation](#)
- [latest source code from source repository](#)

2. Extract the Maven file into Folder



3. Generate AEM Project Using Maven by running the command in cmd by giving run as administrator

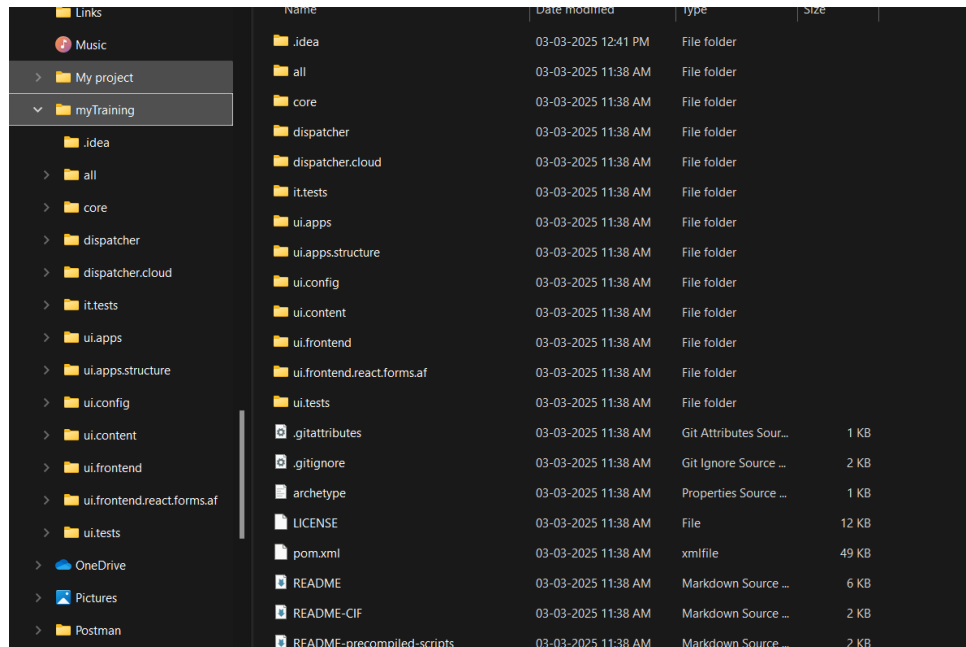
```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.22631.4974]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Prawinraj>cd C:\aem_projects

C:\aem_projects>mvn -B org.apache.maven.plugins:maven-archetype-plugin:3.2.1:generate ^
More? -D archetypeGroupId=com.adobe.aem ^
More? -D archetypeArtifactId=aem-project-archetype ^
More? -D archetypeVersion=39 ^
More? -D appTitle="myTraining" ^
More? -D appId="myTraining" ^
More? -D groupId="com.myTraining" ^
More? -D aemVersion=6.5.5 ^
More? -D includeExamples=n ^
More? -D includeErrorHandler=y
More?
[INFO] Scanning for projects...
[INFO]
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> archetype:3.2.1:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO]
[INFO] <<< archetype:3.2.1:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO]
[INFO] --- archetype:3.2.1:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
[INFO] Archetype repository not defined. Using the one from [com.adobe.aem:aem-project-archetype:51] found in catalog remote
[INFO] Using following parameters for creating project from Archetype: aem-project-archetype:39
[INFO]
[INFO] Parameter: groupId, Value: com.myTraining
[INFO] Parameter: artifactId, Value: myTraining
[INFO] Parameter: version, Value: 1.0.0-SNAPSHOT
[INFO] Parameter: package, Value: com.myTraining
[INFO] Parameter: packageInPathFormat, Value: com/myTraining
[INFO] Parameter: includeForms, Value: n
[INFO] Parameter: includeFormsEnrollment, Value: n
[INFO] Parameter: country, Value: us
[INFO] Parameter: amp, Value: n
```

Step 4: Open the AEM Project

1. Folder structure of the generated AEM project in File Explorer



| Name | Date modified | Type | Size |
|----------------------------|---------------------|------------------------|-------|
| .idea | 03-03-2025 12:41 PM | File folder | |
| all | 03-03-2025 11:38 AM | File folder | |
| core | 03-03-2025 11:38 AM | File folder | |
| dispatcher | 03-03-2025 11:38 AM | File folder | |
| dispatcher.cloud | 03-03-2025 11:38 AM | File folder | |
| it.tests | 03-03-2025 11:38 AM | File folder | |
| ui.apps | 03-03-2025 11:38 AM | File folder | |
| ui.apps.structure | 03-03-2025 11:38 AM | File folder | |
| ui.config | 03-03-2025 11:38 AM | File folder | |
| ui.content | 03-03-2025 11:38 AM | File folder | |
| ui.frontend | 03-03-2025 11:38 AM | File folder | |
| ui.frontend.react.forms.af | 03-03-2025 11:38 AM | File folder | |
| ui.tests | 03-03-2025 11:38 AM | File folder | |
| .gitattributes | 03-03-2025 11:38 AM | Git Attributes Sour... | 1 KB |
| .gitignore | 03-03-2025 11:38 AM | Git Ignore Source ... | 2 KB |
| archetype | 03-03-2025 11:38 AM | Properties Source ... | 1 KB |
| LICENSE | 03-03-2025 11:38 AM | File | 12 KB |
| pom.xml | 03-03-2025 11:38 AM | xmlfile | 49 KB |
| README | 03-03-2025 11:38 AM | Markdown Source ... | 6 KB |
| README-CIF | 03-03-2025 11:38 AM | Markdown Source ... | 2 KB |
| README-precompiled-scripts | 03-03-2025 11:38 AM | Markdown Source ... | 2 KB |

2. AEM project opened in IntelliJ IDEA.

