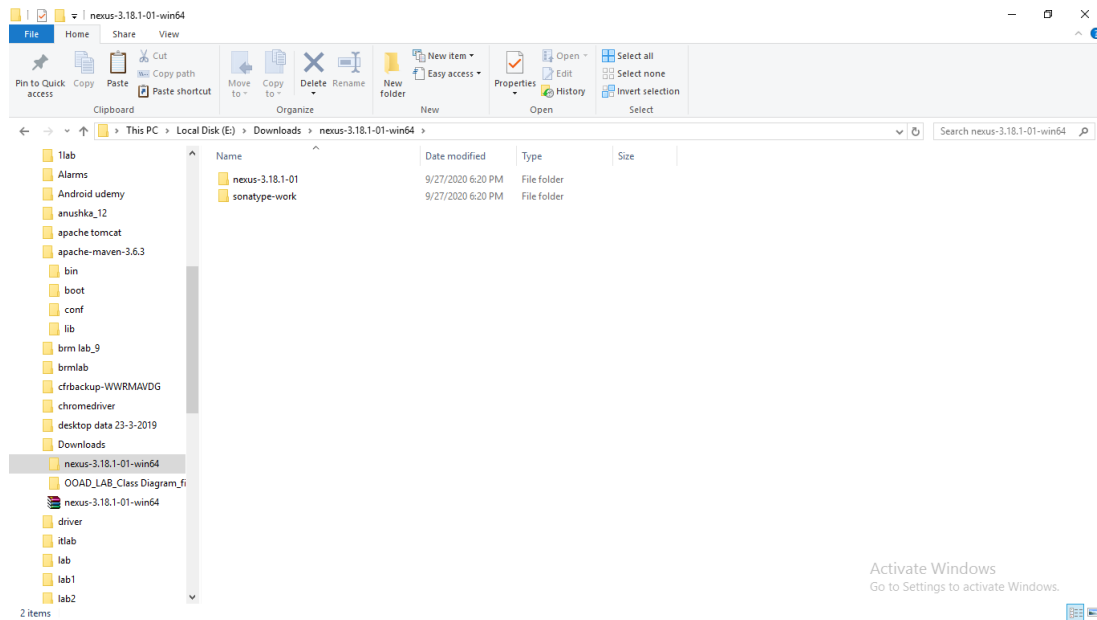


EXPERIMENT – NEXUS SERVER (LAB 9)

First, we have downloaded the nexus server in our machine:-



Now, we start this nexus server:-

```
Command Prompt - nexus.exe /run
E:\Downloads\nexus-3.18.1-01-win64\nexus-3.18.1-01\bin>nexus.exe /run
2020-09-29 12:13:08,822+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.pax.logging.NexusLogActivator - start
2020-09-29 12:13:12,934+0530 WARN [FelixStartLevel] *SYSTEM uk.org.lidalia.sysoutslf4j.context.SysOutOverSlf4jInitialiser - Your logging framework class org.ops4j.pax.
logging.slf4j.Slf4jLogger is not known - if it needs
Package
2020-09-29 12:13:12,935+0530 INFO [FelixStartLevel] *SYSTEM uk.org.lidalia.sysoutslf4j.context.SysOutOverSlf4j - Package org.ops4j.pax.logging.slf4j registered; all cl
asses within it or subpackages of it will be allowed
2020-09-29 12:13:12,940+0530 INFO [FelixStartLevel] *SYSTEM uk.org.lidalia.sysoutslf4j.context.SysOutOverSlf4j - Replaced standard System.out and System.err PrintStrea
ms with SLF4JPrintStreams
2020-09-29 12:13:12,942+0530 INFO [FelixStartLevel] *SYSTEM uk.org.lidalia.sysoutslf4j.context.SysOutOverSlf4j - Redirected System.out and System.err to SLF4J for this
context
2020-09-29 12:13:12,952+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - Properties:
2020-09-29 12:13:12,952+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - application-host='0.0.0.0'
2020-09-29 12:13:12,953+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - application-port='8081'
2020-09-29 12:13:12,953+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - fabric.etc='E:\Downloads\nexus-3.18.1-01-win64\nexus-
3.18.1-01\etc\fabric'
2020-09-29 12:13:12,953+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - jetty.etc='E:\Downloads\nexus-3.18.1-01-win64\nexus-3
.18.1-01\etc\jetty'
2020-09-29 12:13:12,954+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - karaf.base='E:\Downloads\nexus-3.18.1-01-win64\nexus-
3.18.1-01'
2020-09-29 12:13:12,954+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - karaf.data='E:\Downloads\nexus-3.18.1-01-win64\sonaty
pe-work\nexus3'
2020-09-29 12:13:12,955+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - karaf.etc='E:\Downloads\nexus-3.18.1-01-win64\nexus-3
.18.1-01\etc\karaf'
2020-09-29 12:13:12,955+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - karaf.home='E:\Downloads\nexus-3.18.1-01-win64\nexus-
3.18.1-01'
2020-09-29 12:13:12,956+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - karaf.instances='E:\Downloads\nexus-3.18.1-01-win64\s
onatype-work\nexus3\instances'
2020-09-29 12:13:12,956+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - logback.etc='E:\Downloads\nexus-3.18.1-01-win64\nexus
-3.18.1-01\etc\logback'
2020-09-29 12:13:12,957+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - nexus.args='E:\Downloads\nexus-3.18.1-01-win64\nexus-
3.18.1-01\etc\jetty\jetty.xml,E:\Downloads\nexus-3.18.1-01-win64\nexus-3.18.1-01\etc\jetty\http.xml,E:\Downloads\nexus-3.18.1-01-win64\nexus-3.18.1-01\etc\jetty\j
etty-requestlog.xml'
2020-09-29 12:13:12,957+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - nexus-context-path='/'
2020-09-29 12:13:12,958+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - nexus-edition='nexus-pro-edition'
2020-09-29 12:13:12,960+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - nexus-features='nexus-pro-feature'
2020-09-29 12:13:12,961+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - nexus-hazelcast.discovery.isEnabled='true'
2020-09-29 12:13:12,965+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.ConfigurationBuilder - ssl.etc='E:\Downloads\nexus-3.18.1-01-win64\nexus-3.1
8.1-01\etc\ssl'
2020-09-29 12:13:12,967+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.Launcher - Java: 1.8.0_192, OpenJDK 64-Bit Server VM, Azul Systems, Inc., 25.1
92-b01
2020-09-29 12:13:12,967+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.Launcher - OS: Windows 10, 10.0, amd64
2020-09-29 12:13:12,968+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.Launcher - User: HP, en, C:\Users\HP
2020-09-29 12:13:12,969+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.Launcher - CMD: E:\Downloads\nexus-3.18.1-01-win64\nexus-3.18.1-01
2020-09-29 12:13:13,078+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.Launcher - TMP: E:\Downloads\nexus-3.18.1-01-win64\sonatype-work\nexus3\tmp
2020-09-29 12:13:13,080+0530 INFO [FelixStartLevel] *SYSTEM org.sonatype.nexus.bootstrap.Launcher -
```

Then, we have created a repository in nexus server:-

The image displays two screenshots of the Sonatype Nexus Repository Manager (OSS 3.18.1-01) interface, showing the process of creating a new repository.

Top Screenshot: Repositories List

- The browser address bar shows `localhost:8081/#admin/repository/repositories`.
- The left sidebar shows the **Administration** menu with **Repositories** selected.
- The main content area displays a list of repositories under the heading **Repositories / Select Recipe**.
- The list includes various repository types like `apt (hosted)`, `apt (proxy)`, `bower (group)`, `bower (hosted)`, `bower (proxy)`, `docker (group)`, `docker (hosted)`, `docker (proxy)`, `gitfs (hosted)`, `go (group)`, `go (proxy)`, `maven2 (group)`, **`maven2 (hosted)`**, `maven2 (proxy)`, `npm (group)`, `npm (hosted)`, `npm (proxy)`, `nuget (group)`, `nuget (hosted)`, `nuget (proxy)`, `pypi (group)`, and `pypi (hosted)`.
- The `maven2 (hosted)` repository is highlighted.

Bottom Screenshot: Create Repository: maven2 (hosted)

- The browser address bar shows `localhost:8081/#admin/repository/repositories`.
- The left sidebar shows the **Administration** menu with **Repositories** selected.
- The main content area displays the **Create Repository: maven2 (hosted)** configuration page.
- The configuration fields are as follows:
 - Name:** A unique identifier for this repository. Value: `CICD_LAB7`.
 - Online:** ☒ If checked, the repository accepts incoming requests.
 - Version policy:** What type of artifacts does this repository store? Value: `Snapshot`.
 - Layout policy:** Validate that all paths are maven artifact or metadata paths. Value: `Strict`.
 - Storage:**
 - Blob store:** Blob store used to store asset contents. Value: `default`.
 - Strict Content Type Validation:** ☒ Validate that all content uploaded to this repository is of a MIME type appropriate for the repository format.
 - Hosted:**
 - Deployment policy:** Controls if deployments of end updates to artifacts are allowed.

Sonatype Nexus Repository Manager OSS 3.18.1-01

Administration

- Repository
 - Blob Stores
 - Repositories**
 - Content Selectors
 - Cleanup Policies
 - Routing Rules
- Security
 - Privileges
 - Roles
 - Users
 - Anonymous
 - LDAP
 - Realms
 - SSL Certificates
 - IQ Server
- Support
- System

Repositories / Select Recipe / Create Repository: maven2 (hosted)

Validate that all paths are maven artifact or metadata paths

Strict

Storage

Blob store:

Blob store used to store asset contents

default

Strict Content Type Validation:

☒ Validate that all content uploaded to this repository is of a MIME type appropriate for the repository format

Hosted

Deployment policy:

Controls if deployments of and updates to artifacts are allowed

Allow redeploy

Cleanup Policy

Available cleanup policies:

Select a cleanup policy

None

Create repository Cancel

Activate Windows
Go to Settings to activate Windows.

Sonatype Nexus Repository Manager OSS 3.18.1-01

Administration

- Repository
 - Blob Stores
 - Repositories**
 - Content Selectors
 - Cleanup Policies
 - Routing Rules
- Security
 - Privileges
 - Roles
 - Users
 - Anonymous
 - LDAP
 - Realms
 - SSL Certificates
 - IQ Server
- Support
- System

Repositories Manage repositories

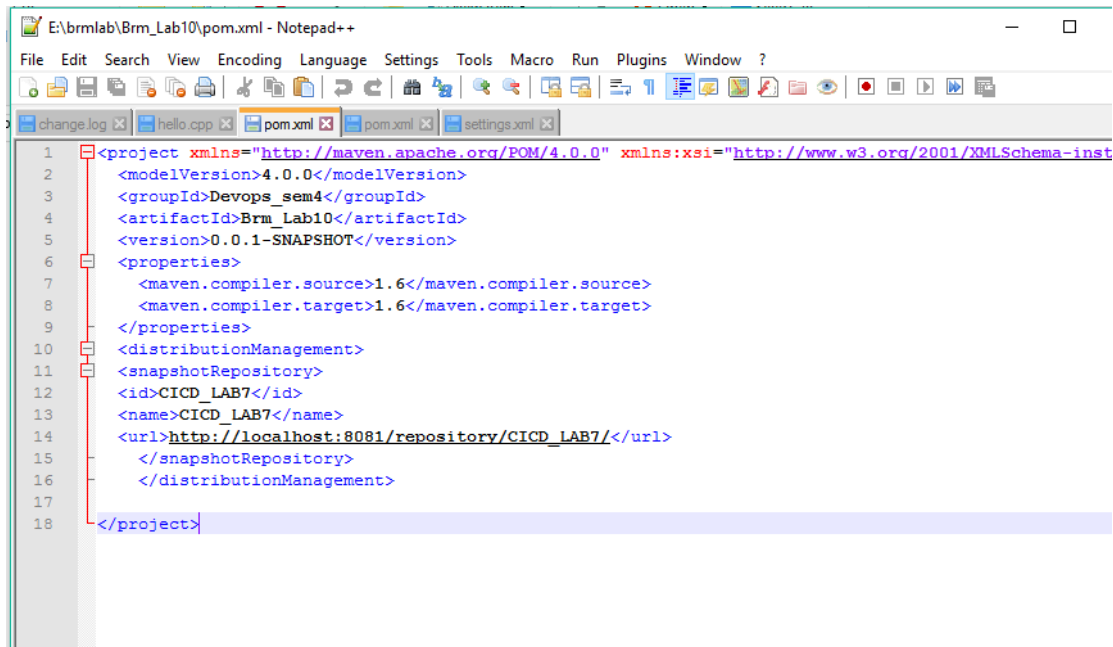
Create repository

| Name ↑ | Type | Format | Status | URL | Health check | IQ Policy Viole... |
|-----------------|--------|--------|---------------------------|------|--------------|--------------------|
| CICD_LAB7 | hosted | maven2 | Online | copy | | |
| maven-central | proxy | maven2 | Online - Ready to Connect | copy | Analyze | |
| maven-public | group | maven2 | Online | copy | | |
| maven-releases | hosted | maven2 | Online | copy | | |
| maven-snapshots | hosted | maven2 | Online | copy | | |
| nuget-group | group | nuget | Online | copy | | |
| nuget-hosted | hosted | nuget | Online | copy | | |
| nuget.org-proxy | proxy | nuget | Online - Ready to Connect | copy | Analyze | |

Success
Repository updated: CICD_LAB7

Activate Windows
Go to Settings to activate Windows.

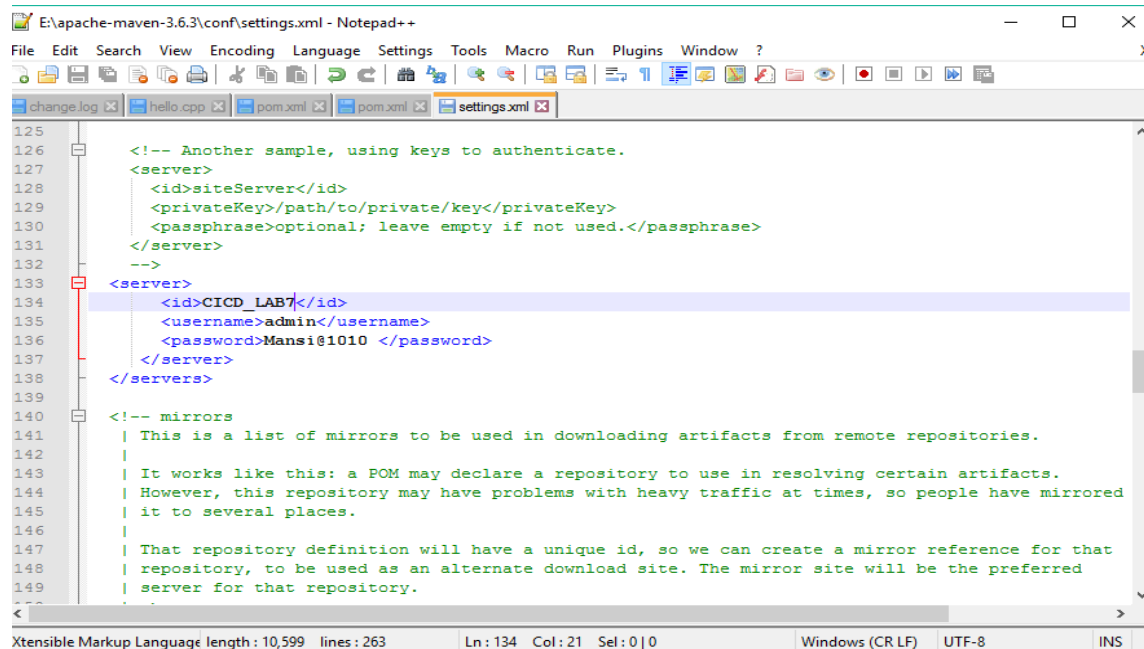
Then, we did some configuration in my maven project's pom.xml file so that our artifact can be deployed to that specific repository we have created above:-



The screenshot shows a Notepad++ window titled "E:\brmlab\Brm_Lab10\pom.xml - Notepad++". The pom.xml file contains the following XML configuration:

```
1 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-inst
2 <modelVersion>4.0.0</modelVersion>
3 <groupId>Devops_sem4</groupId>
4 <artifactId>Brm_Lab10</artifactId>
5 <version>0.0.1-SNAPSHOT</version>
6 <properties>
7   <maven.compiler.source>1.6</maven.compiler.source>
8   <maven.compiler.target>1.6</maven.compiler.target>
9 </properties>
10 <distributionManagement>
11   <snapshotRepository>
12     <id>CICD_LAB7</id>
13     <name>CICD_LAB7</name>
14     <url>http://localhost:8081/repository/CICD_LAB7/</url>
15   </snapshotRepository>
16 </distributionManagement>
17
18 </project>
```

Now, we have made some changes in settings.xml file of our maven so that nexus can authenticated by maven.



The screenshot shows a Notepad++ window titled "E:\apache-maven-3.6.3\conf\settings.xml - Notepad++". The settings.xml file contains the following XML configuration:

```
125
126 <!-- Another sample, using keys to authenticate.
127 <server>
128   <id>siteServer</id>
129   <privateKey>/path/to/private/key</privateKey>
130   <passphrase>optional: leave empty if not used.</passphrase>
131 </server>
132 -->
133 <server>
134   <id>CICD_LAB7</id>
135   <username>admin</username>
136   <password>Mansi@1010 </password>
137 </server>
138 </servers>
139
140 <!-- mirrors
141 | This is a list of mirrors to be used in downloading artifacts from remote repositories.
142 |
143 | It works like this: a POM may declare a repository to use in resolving certain artifacts.
144 | However, this repository may have problems with heavy traffic at times, so people have mirrored
145 | it to several places.
146 |
147 | That repository definition will have a unique id, so we can create a mirror reference for that
148 | repository, to be used as an alternate download site. The mirror site will be the preferred
149 | server for that repository.
150 -->
```

The status bar at the bottom indicates: "Xtensible Markup Language length: 10,599 lines: 263 Ln: 134 Col: 21 Sel: 0 | 0 Windows (CR LF) UTF-8 INS".

```
Command Prompt

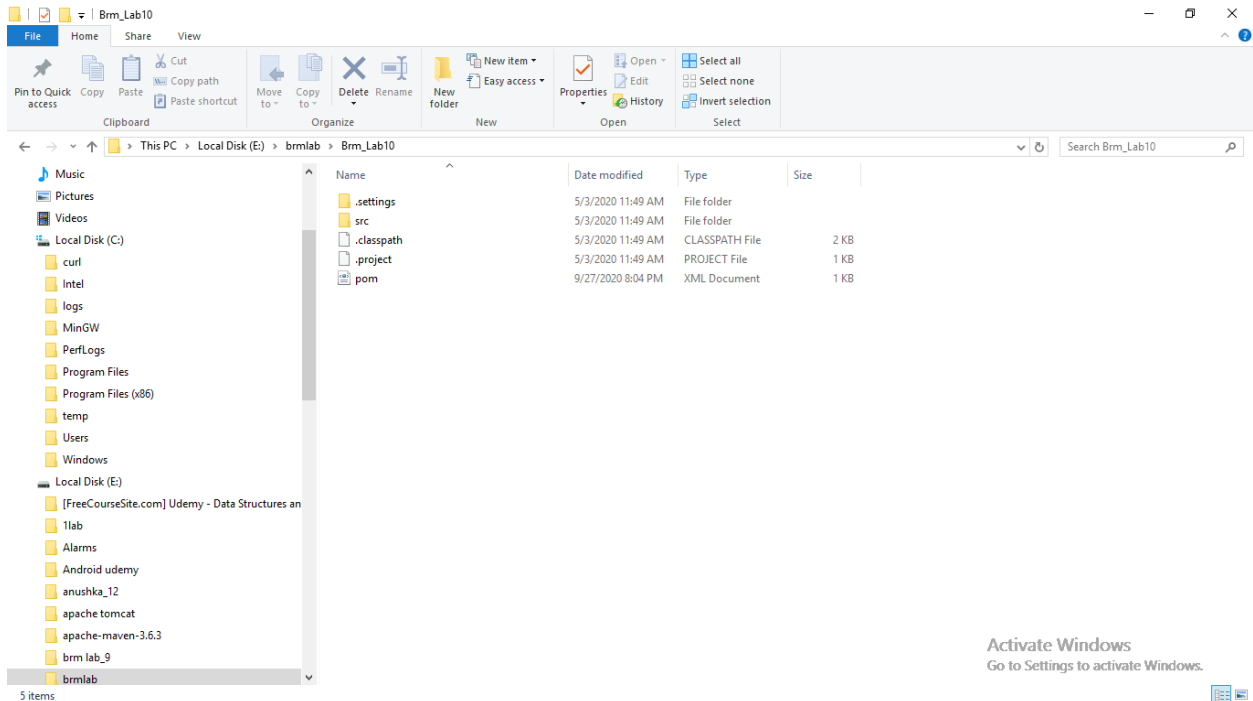
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\HP>cd /d E:\brmlab\Brm_Lab10

E:\brmlab\Brm_Lab10>mvn clean
[INFO] Scanning for projects...
[INFO]
[INFO] -----< Devops_sem4:Brm_Lab10 >-----
[INFO] Building Brm_Lab10 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ Brm_Lab10 ---
[INFO] Deleting E:\brmlab\Brm_Lab10\target
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 0.737 s
[INFO] Finished at: 2020-09-27T20:08:41+05:30
[INFO]
[WARNING] The requested profile "profile1" could not be activated because it does not exist.
[WARNING] The requested profile "profile2" could not be activated because it does not exist.

E:\brmlab\Brm_Lab10>
```

After mvn clean, our target folder removed:-



Command Prompt

```
E:\brmlab\Brm_Lab10>mvn install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< Devops_sem4\Brm_Lab10 >-----
[INFO] Building Brm_Lab10 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ Brm_Lab10 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ Brm_Lab10 ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
[INFO] Compiling 2 source files to E:\brmlab\Brm_Lab10\target\classes
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ Brm_Lab10 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ Brm_Lab10 ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ Brm_Lab10 ---
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.pom (3.0 kB at 968 B/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.12.4/surefire-api-2.12.4.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.12.4/surefire-api-2.12.4.pom (2.5 kB at 5.0 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.pom (5.5 kB at 10 kB/s)
)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.pom (1.6 kB at 3.6 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.1/maven-plugin-tools-3.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.1/maven-plugin-tools-3.1.pom (16 kB at 24 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.pom (3.5 kB at 7.6 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.pom (17 kB at 33 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.3/maven-common-artifact-filters-1.3.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-common-artifact-filters/1.3/maven-common-artifact-filters-1.3.pom (3.7 kB at 7.8 kB/s)
)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.jar (10 kB at 5.1 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.0.9/maven-surefire-common-2.12.4.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/2.0.9/maven-surefire-common-2.12.4.jar (263 kB at 123 kB/s)
)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.jar (38 kB at 16 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar (14 kB at 5.8 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.jar (316 kB at 129 kB/s)
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ Brm_Lab10 ---
[INFO] Building jar: E:\brmlab\Brm_Lab10\target\Brm_Lab10-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ Brm_Lab10 ---
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.pom (2.5 kB at 5.0 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.1/plexus-3.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.1/plexus-3.1.pom (19 kB at 36 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar (230 kB at 218 kB/s)
[INFO] Installing E:\brmlab\Brm_Lab10\target\Brm_Lab10-0.0.1-SNAPSHOT.jar to C:\Users\HP\m2\repository\Devops_sem4\Brm_Lab10\0.0.1-SNAPSHOT\Brm_Lab10-0.0.1-SNAPSHOT.jar
[INFO] Installing E:\brmlab\Brm_Lab10\pom.xml to C:\Users\HP\m2\repository\Devops_sem4\Brm_Lab10\0.0.1-SNAPSHOT\Brm_Lab10-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 19.632 s
[INFO] Finished at: 2020-09-27T20:10:17+05:30
[INFO]
[WARNING] The requested profile "profile1" could not be activated because it does not exist.
[WARNING] The requested profile "profile2" could not be activated because it does not exist.

E:\brmlab\Brm_Lab10>
```

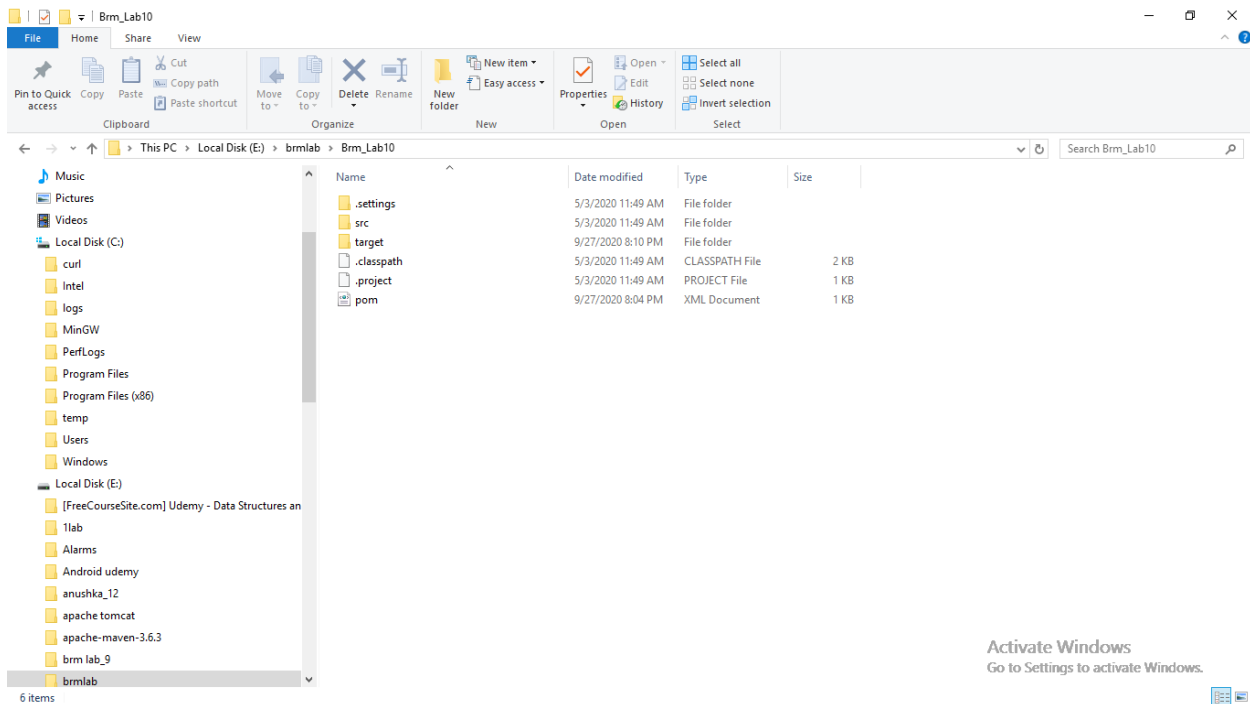
Command Prompt

```
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar (10 kB at 5.1 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.12.4/maven-surefire-common-2.12.4.jar (263 kB at 123 kB/s)
)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-toolchain/2.0.9/maven-toolchain-2.0.9.jar (38 kB at 16 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.1/maven-plugin-annotations-3.1.jar (14 kB at 5.8 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.1/commons-lang3-3.1.jar (316 kB at 129 kB/s)
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ Brm_Lab10 ---
[INFO] Building jar: E:\brmlab\Brm_Lab10\target\Brm_Lab10-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ Brm_Lab10 ---
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.pom (2.5 kB at 5.0 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.1/plexus-3.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.1/plexus-3.1.pom (19 kB at 36 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar (230 kB at 218 kB/s)
[INFO] Installing E:\brmlab\Brm_Lab10\target\Brm_Lab10-0.0.1-SNAPSHOT.jar to C:\Users\HP\m2\repository\Devops_sem4\Brm_Lab10\0.0.1-SNAPSHOT\Brm_Lab10-0.0.1-SNAPSHOT.jar
[INFO] Installing E:\brmlab\Brm_Lab10\pom.xml to C:\Users\HP\m2\repository\Devops_sem4\Brm_Lab10\0.0.1-SNAPSHOT\Brm_Lab10-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 19.632 s
[INFO] Finished at: 2020-09-27T20:10:17+05:30
[INFO]
[WARNING] The requested profile "profile1" could not be activated because it does not exist.
[WARNING] The requested profile "profile2" could not be activated because it does not exist.

E:\brmlab\Brm_Lab10>
```

Activate Windows
Go to Settings to activate Windows.

After mvn install our target folder of project came again:-



```
Command Prompt
E:\brmlab\Brm_Lab10>mvn deploy
[INFO] Scanning for projects...
[INFO]
[INFO] -----< Devops_sem4:Brm_Lab10 >-----
[INFO] Building Brm_Lab10 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ Brm_Lab10 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ Brm_Lab10 ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ Brm_Lab10 ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ Brm_Lab10 ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ Brm_Lab10 ---
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ Brm_Lab10 ---
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ Brm_Lab10 ---
[INFO] Installing E:\brmlab\Brm_Lab10\target\Brm_Lab10-0.0.1-SNAPSHOT.jar to C:\Users\HP\.m2\repository\Devops_sem4\Brm_Lab10\0.0.1-SNAPSHOT\Brm_Lab10-0.0.1-SNAPSHOT.jar
[INFO] Installing E:\brmlab\Brm_Lab10\pom.xml to C:\Users\HP\.m2\repository\Devops_sem4\Brm_Lab10\0.0.1-SNAPSHOT\Brm_Lab10-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] --- maven-deploy-plugin:2.7:deploy (default-deploy) @ Brm_Lab10 ---
Downloading from CI_CD_LAB7: http://localhost:8081/repository/CI_CD_LAB7/Devops_sem4/Brm_Lab10/0.0.1-SNAPSHOT/maven-metadata.xml
Uploading to CI_CD_LAB7: http://localhost:8081/repository/CI_CD_LAB7/Devops_sem4/Brm_Lab10/0.0.1-SNAPSHOT/Brm_Lab10-0.0.1-20200927.144601-1.jar (2.5 kB at 2.7 kB/s)
Uploading to CI_CD_LAB7: http://localhost:8081/repository/CI_CD_LAB7/Devops_sem4/Brm_Lab10/0.0.1-SNAPSHOT/Brm_Lab10-0.0.1-20200927.144601-1.pom (725 B at 3.5 kB/s)
Downloading from CI_CD_LAB7: http://localhost:8081/repository/CI_CD_LAB7/Devops_sem4/Brm_Lab10/maven-metadata.xml
Uploading to CI_CD_LAB7: http://localhost:8081/repository/CI_CD_LAB7/Devops_sem4/Brm_Lab10/0.0.1-SNAPSHOT/maven-metadata.xml (770 B at 4.6 kB/s)
Uploading to CI_CD_LAB7: http://localhost:8081/repository/CI_CD_LAB7/Devops_sem4/Brm_Lab10/maven-metadata.xml (280 B at 1.8 kB/s)
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.958 s
[INFO] Finished at: 2020-09-27T20:16:03+05:30
[INFO]
[INFO]
[INFO]
```

Now, after mvn deploy our jar file has been deployed to the nexus server:-

