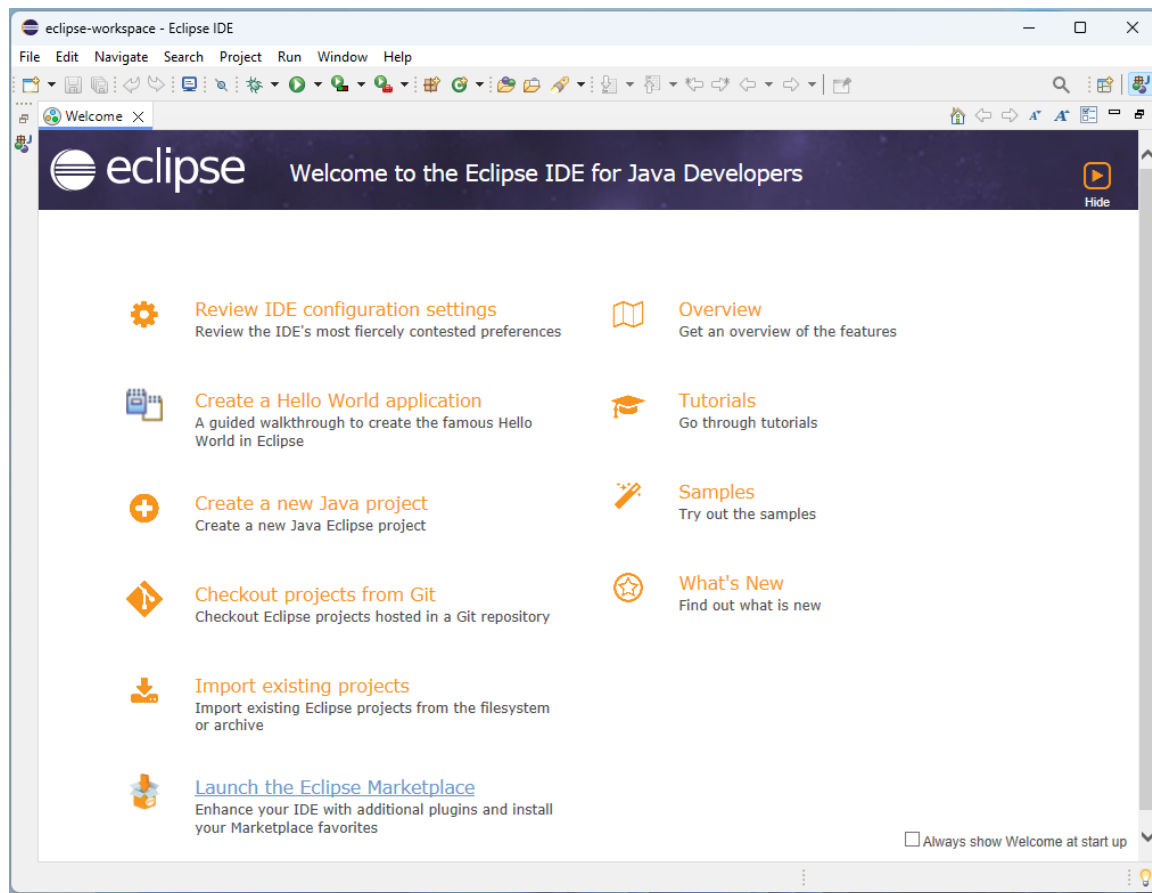
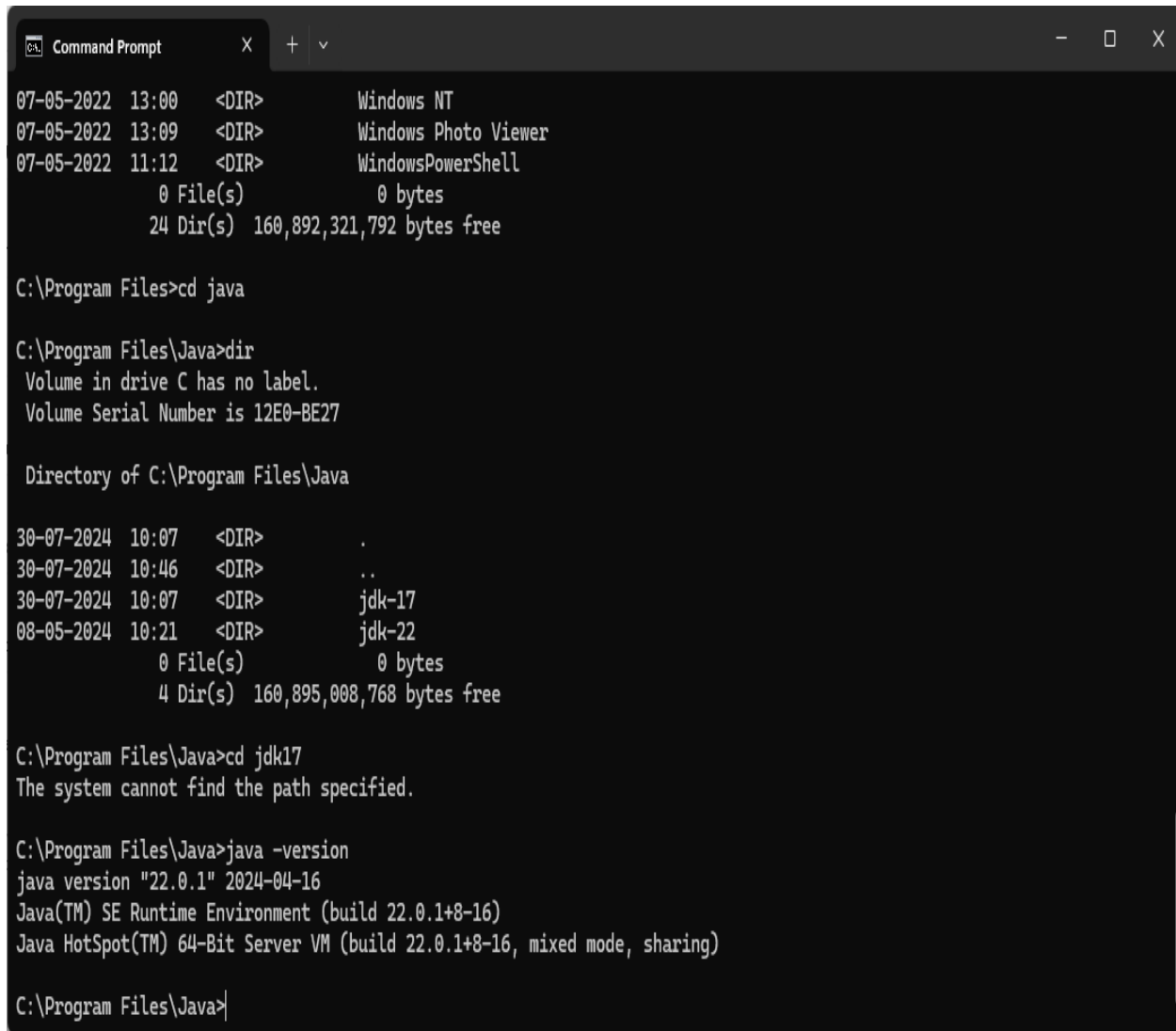


EXERCISE:1

1.ECLIPSE INSTALLATION



2. JAVA INSTALLATION



```
Command Prompt
07-05-2022 13:00 <DIR> Windows NT
07-05-2022 13:09 <DIR> Windows Photo Viewer
07-05-2022 11:12 <DIR> WindowsPowerShell
0 File(s) 0 bytes
24 Dir(s) 160,892,321,792 bytes free

C:\Program Files>cd java

C:\Program Files\Java>dir
Volume in drive C has no label.
Volume Serial Number is 12E0-BE27

Directory of C:\Program Files\Java

30-07-2024 10:07 <DIR> .
30-07-2024 10:46 <DIR> ..
30-07-2024 10:07 <DIR> jdk-17
08-05-2024 10:21 <DIR> jdk-22
0 File(s) 0 bytes
4 Dir(s) 160,895,008,768 bytes free

C:\Program Files\Java>cd jdk17
The system cannot find the path specified.

C:\Program Files\Java>java -version
java version "22.0.1" 2024-04-16
Java(TM) SE Runtime Environment (build 22.0.1+8-16)
Java HotSpot(TM) 64-Bit Server VM (build 22.0.1+8-16, mixed mode, sharing)

C:\Program Files\Java>
```

3.APACHE MAVEN INSTALLATION

```
Command Prompt
Microsoft Windows [Version 10.0.22631.3593]
(c) Microsoft Corporation. All rights reserved.

C:\Users\CloudLab>mvn -version
Apache Maven 3.9.8 (36645f6c9b5079805ea5009217e36f2cffd34256)
Maven home: C:\Program Files\maven\apache-maven-3.9.8
Java version: 17.0.11, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-17
Default locale: en_IN, platform encoding: Cp1252
OS name: "windows 11", version: "10.0", arch: "amd64", family: "windows"

C:\Users\CloudLab>
```

4.JENKINS INSTALLATION

localhost:8064

☆

⬇


👤

⋮

Google Chrome isn't your default browser

Set as default

✕



Jenkins

🔍 Search (CTRL+K)

?

🛡️ 1

👤 rajeshkumar

▼

🚪 log out

Dashboard >

+

New Item

📋

Build History

⚙️

Manage Jenkins

📌

My Views

Build Queue

▼

No builds in the queue.

Build Executor Status

▼

1 Idle

2 Idle

📝 Add description

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job

+

Set up a distributed build

Set up an agent

🖥️

Configure a cloud

☁️

Learn more about distributed builds

?

REST API Jenkins 2.452.3

5.SONARQUBE INSTALLATION

Windows x Dashboard [Jenkins] x SonarQube Download Success x How do you want to create your project x +

localhost:9000/projects/create


Google Chrome isn't your default browser [Set as default](#)


sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration More Q


How do you want to create your project?


Do you want to benefit from all of SonarQube's features (like repository import and Pull Request decoration)?
Create your project from your favorite DevOps platform.


First, you need to set up a DevOps platform configuration.

 Import from Azure DevOps [Setup](#)

 Import from Bitbucket Cloud [Setup](#)

 Import from Bitbucket Server [Setup](#)

 Import from GitHub [Setup](#)

 Import from GitLab [Setup](#)

Are you just testing or have an advanced use-case? Create a local project.

[Create a local project](#)

Embedded database should be used for evaluation purposes only

The embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database engine.

SonarQube™ technology is powered by [SonarSource SA](#) [Community Edition](#) v10.6 (92116) [ACTIVE](#) [LGPL v3](#) [Community](#) [Documentation](#) [Plugins](#) [Web API](#)

6.TOMCAT ISTALLATION

Apache Tomcat/9.0.91



If you're seeing this, you've successfully installed Tomcat. Congratulations!



Recommended Reading:

[Security Considerations How-To](#)

[Manager Application How-To](#)

[Clustering/Session Replication How-To](#)

[Server Status](#)[Manager App](#)[Host Manager](#)

Developer Quick Start

[Tomcat Setup](#)[First Web Application](#)[Realms & AAA](#)[JDBC DataSources](#)[Examples](#)[Servlet Specifications](#)[Tomcat Versions](#)

Managing Tomcat

For security, access to the [manager webapp](#) is restricted. Users are defined in:

`$CATALINA_HOME/conf/tomcat-users.xml`

In Tomcat 9.0 access to the manager application is split between different users.
[Read more...](#)

[Release Notes](#)

[Changelog](#)

[Migration Guide](#)

[Security Notices](#)

Documentation

[Tomcat 9.0 Documentation](#)

[Tomcat 9.0 Configuration](#)

[Tomcat Wiki](#)

Find additional important configuration information in:

`$CATALINA_HOME/RUNNING.txt`

Developers may be interested in:

[Tomcat 9.0 Bug Database](#)

[Tomcat 9.0 JavaDocs](#)

[Tomcat 9.0 Git Repository at GitHub](#)

Getting Help

[FAQ and Mailing Lists](#)

The following mailing lists are available:

[tomcat-announce](#)

Important announcements, releases, security vulnerability notifications. (Low volume).

[tomcat-users](#)

User support and discussion

[taglibs-user](#)

User support and discussion for [Apache Taglibs](#)

[tomcat-dev](#)

Development mailing list, including commit messages

Other Downloads

[Tomcat Connectors](#)

[Tomcat Native](#)

[Taglibs](#)

[Deployer](#)

Other Documentation

[Tomcat Connectors](#)

[mod_jk Documentation](#)

[Tomcat Native](#)

[Deployer](#)

Get Involved

[Overview](#)

[Source Repositories](#)

[Mailing Lists](#)

[Wiki](#)

Miscellaneous

[Contact](#)

[Legal](#)

[Sponsorship](#)

[Thanks](#)

Apache Software Foundation

[Who We Are](#)

[Heritage](#)

[Apache Home](#)

[Resources](#)

