

(21CC505PC)
SOFTWARE ENGINEERING LAB
LAB EXERCISE - 5

BUILD TOOLS

TOPIC -2

**CREATING MAVEN JAVA PROJECT USING
ECLIPSE AND PUSH INTO TO GITHUB**

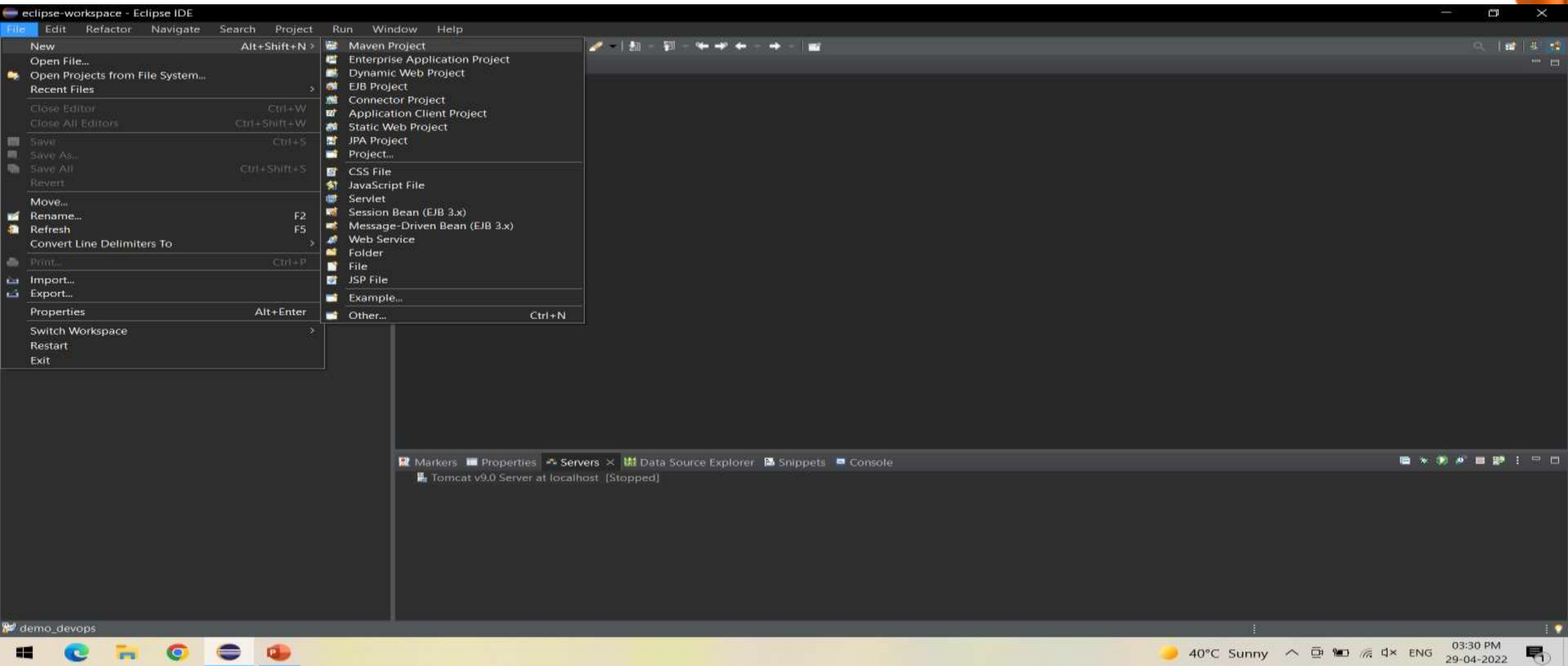
List of Experiments:

Do the following exercises for any one project given in the list of sample projects or any other projects?

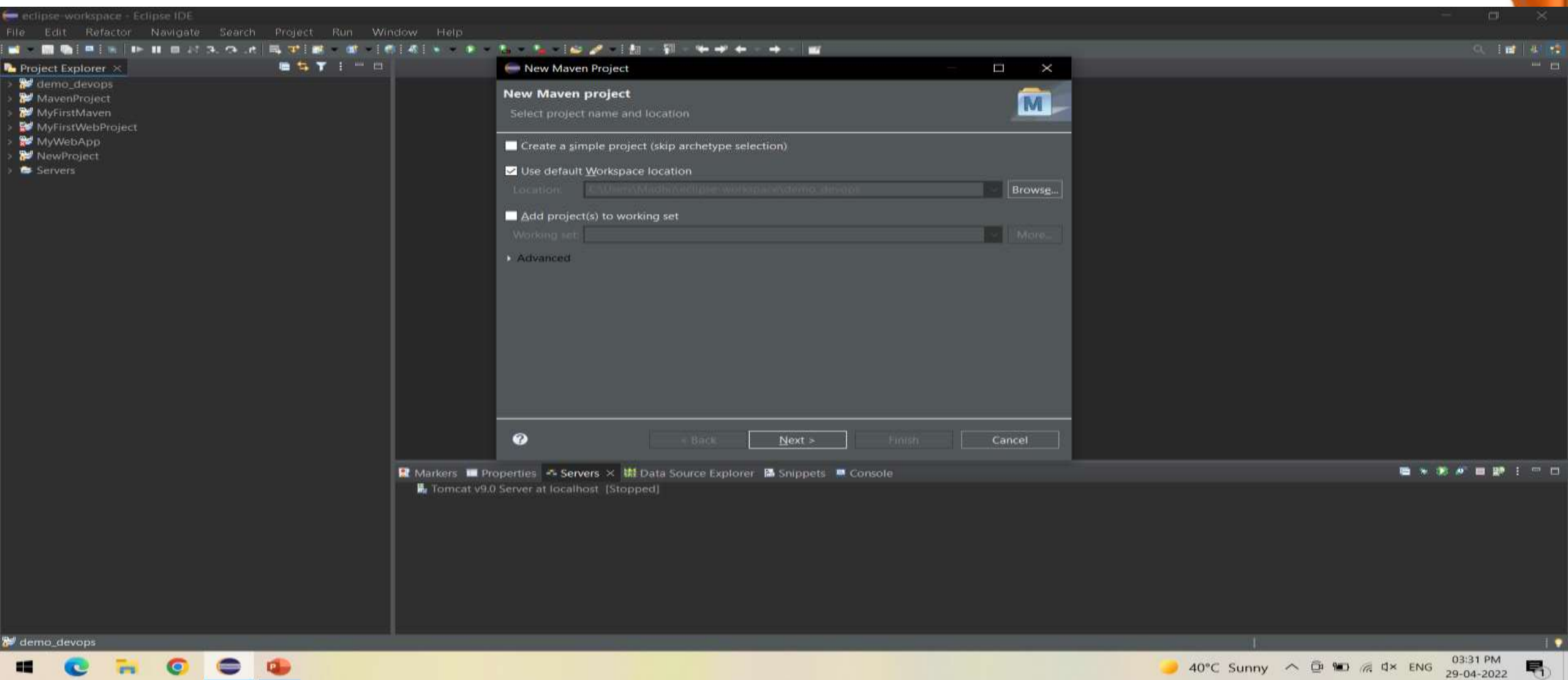
1. Development of problem statement.
2. Preparation of Software Requirement Specification Document, Design Documents and Testing Phase related documents.
3. Study and usage of any Design phase CASE tool
4. Creating the project and committing using Git and GitHub
5. Creating Maven Java and Maven Web project using Eclipse and Push them to GitHub.
6. Building the CI/CD pipeline using Jenkins for the project in the previous experiment.
7. Local Deployment of project using Docker, Kubernetes and Monitoring using Nagios tool.
8. Cloud Deployment of a project in the AWS Cloud using EC2 instance.



Create a Maven Project - > File - > New -> Maven Project

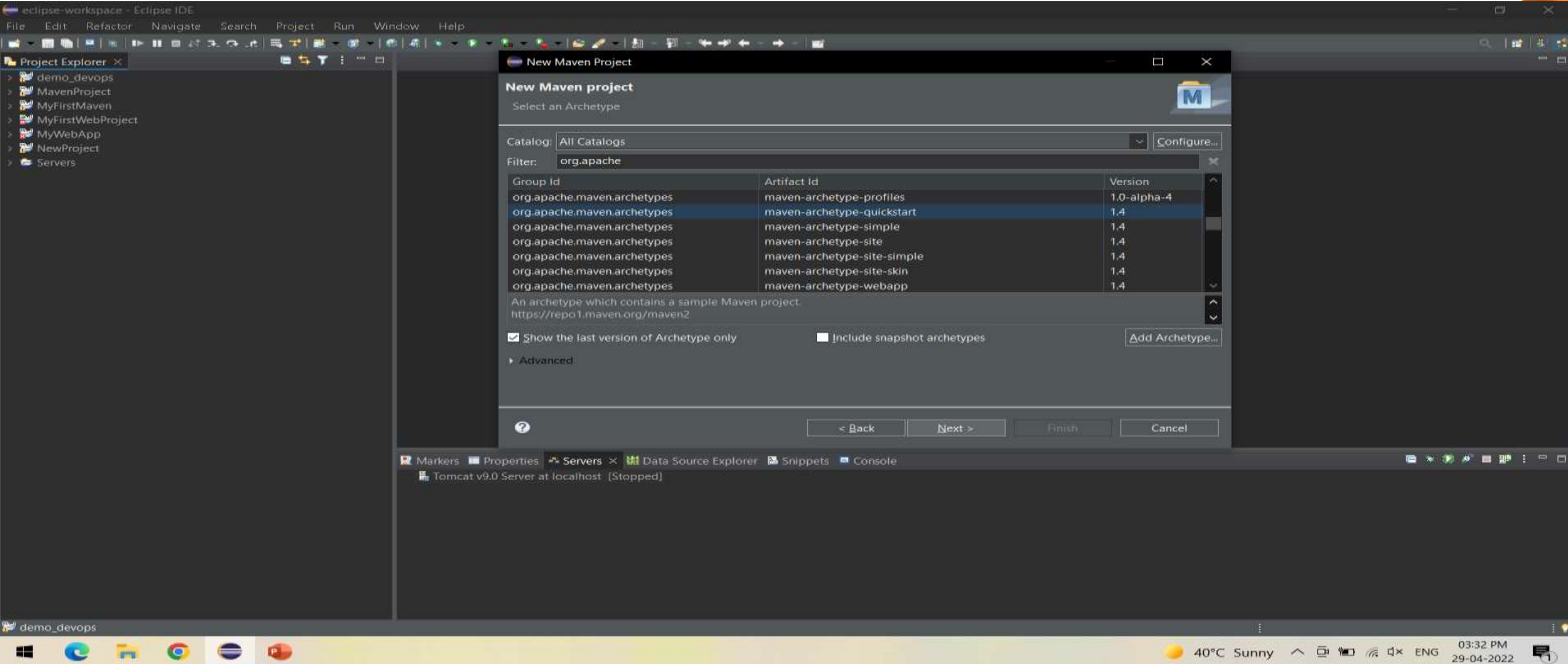


Click on Next

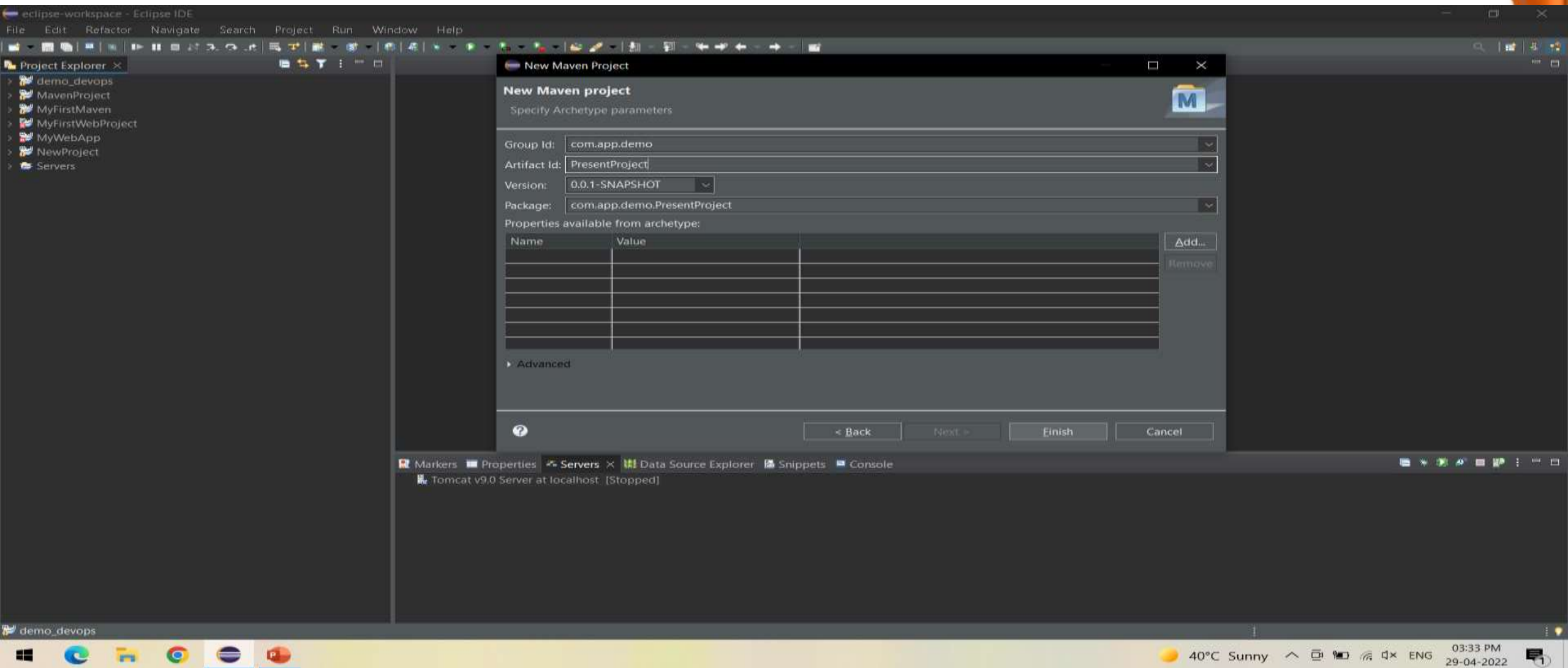




Select the quickstart archetype under org.apache.maven.archetypes and click on Next



Give Artifact ID of your choice and click Finish, Maven Project is created





In the created project, Check for App.java file containing Hello World program

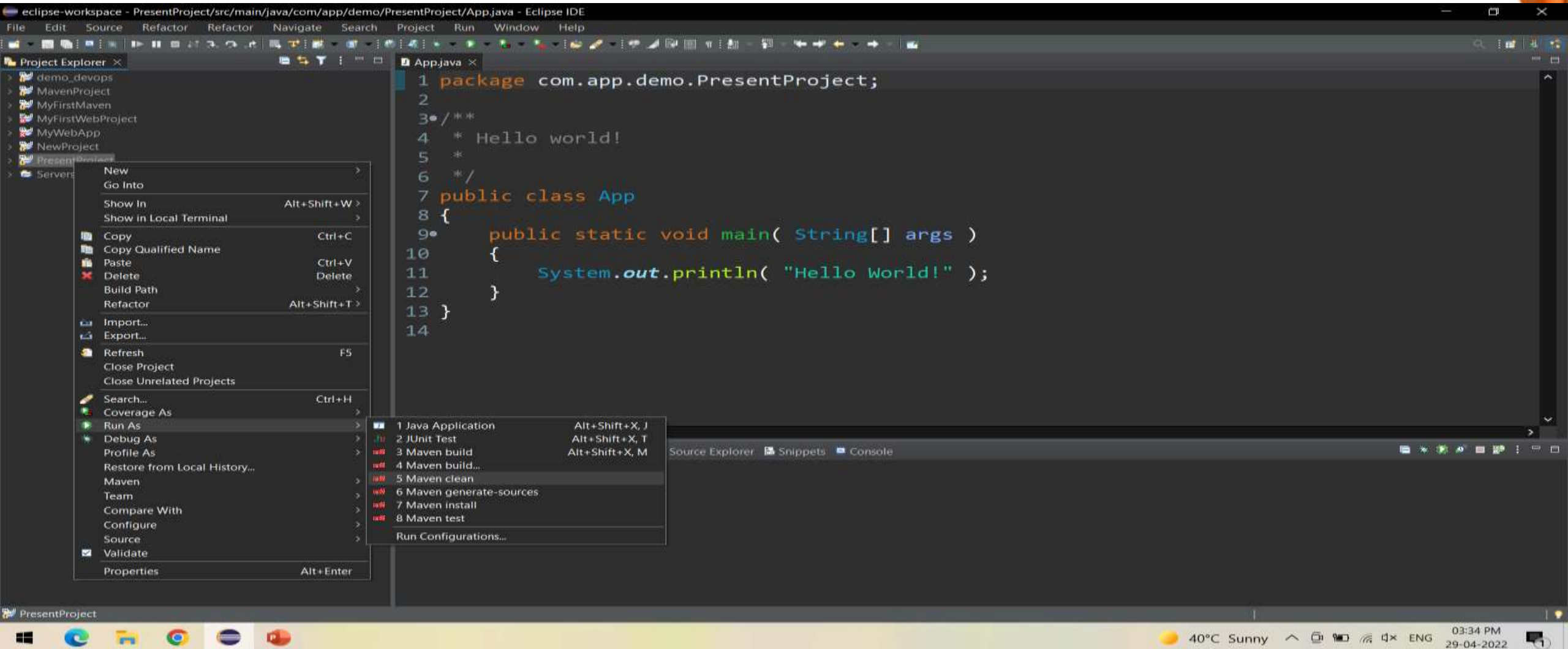
The screenshot shows the Eclipse IDE interface. The Project Explorer on the left displays the project structure, with the file `App.java` selected under the path `src/main/java/com/app/demo/`. The main editor window shows the following Java code:

```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

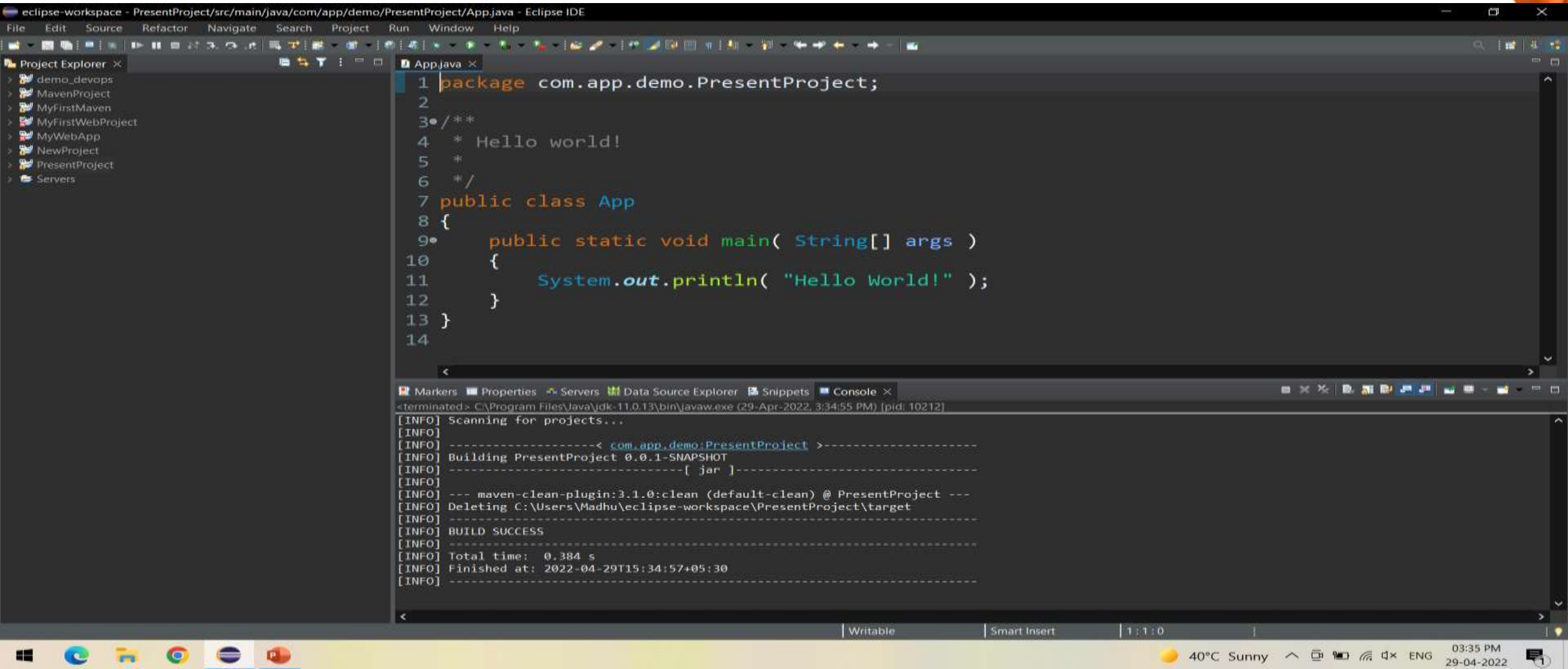
The bottom of the IDE shows the Servers tab with a Tomcat v9.0 Server at localhost [Stopped]. The Windows taskbar at the bottom indicates the system time is 03:34 PM on 29-04-2022, with a temperature of 40°C and weather conditions of Sunny.



Right click on your project and Run As Maven Clean - It clears out the existing classes that you compiled from last compile



Check the console for Build Success



The screenshot displays the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The Project Explorer on the left shows a workspace with several projects, including 'PresentProject'. The main editor window displays the source code for 'App.java', which contains a simple Java program that prints 'Hello World!'. The Console window at the bottom shows the output of the build process, indicating a successful build.

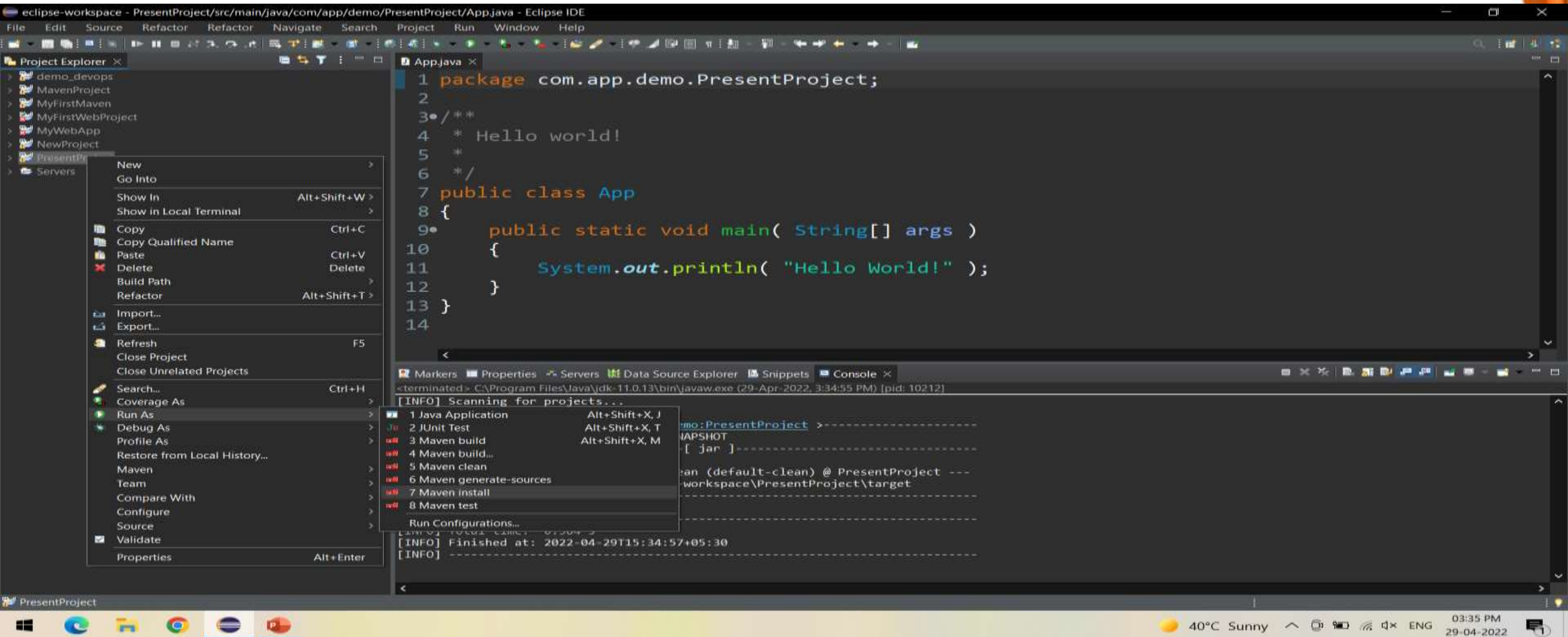
```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

Console Output:

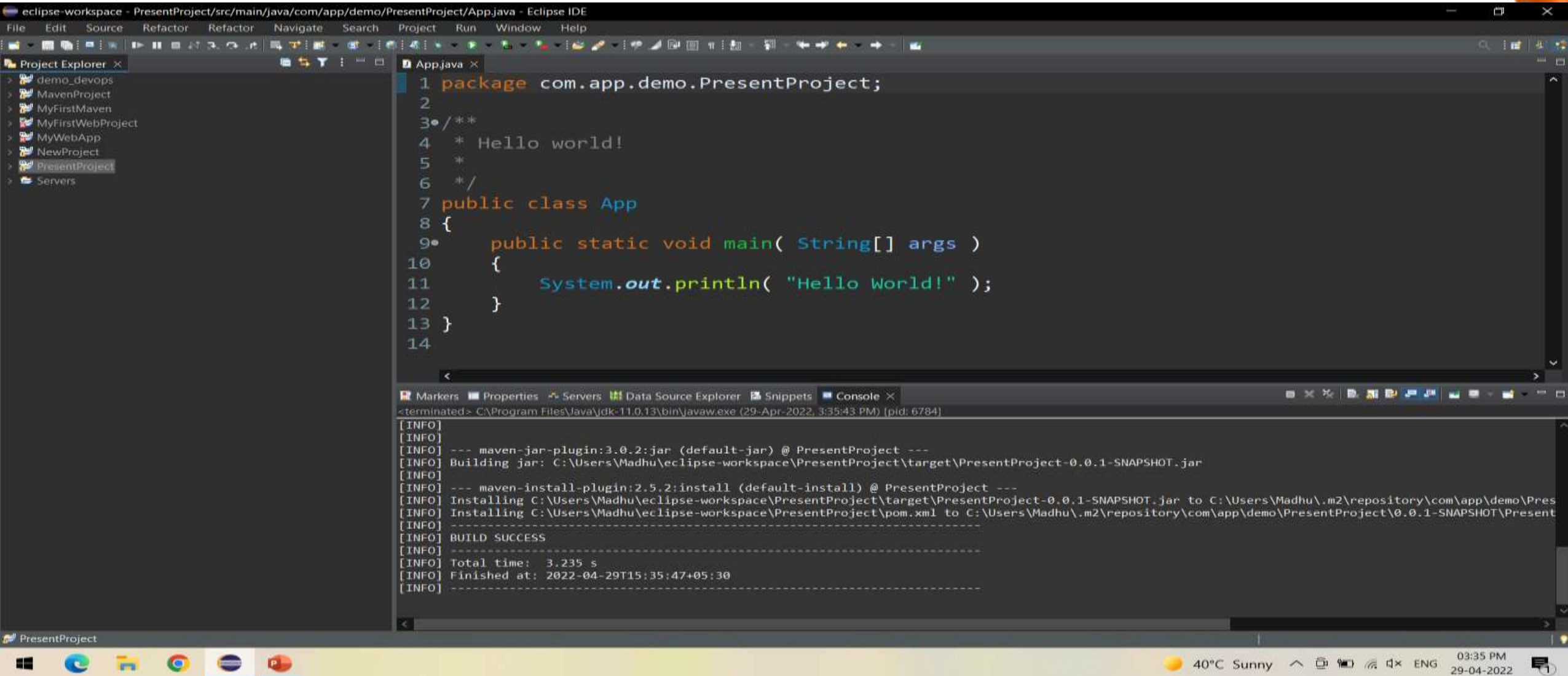
```
<terminated> C:\Program Files\Java\jdk-11.0.13\bin\javaw.exe (29-Apr-2022, 3:34:55 PM) [pid: 10212]
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.app.demo.PresentProject >-----
[INFO] Building PresentProject 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ PresentProject ---
[INFO] Deleting C:\Users\Madhu\eclipse-workspace\PresentProject\target
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 0.384 s
[INFO] Finished at: 2022-04-29T15:34:57+05:30
[INFO]
[INFO] -----
```

The bottom status bar shows 'Writable', 'Smart Insert', and '1:1:0'. The system tray at the bottom right indicates the temperature is 40°C, it is sunny, and the time is 03:35 PM on 29-04-2022.

Right click on your project and Run As Maven Install - to add artifact(s) to the local repository



Check the console for Build Success



The screenshot displays the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Refactor, Navigate, Search, Project, Run, Window, and Help. The Project Explorer on the left shows a project named 'PresentProject' under the 'Servers' folder. The main editor window shows the source code for 'App.java'.

```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

The Console window at the bottom shows the output of the Maven build process:

```
<terminated> C:\Program Files\Java\jdk-11.0.13\bin\javaw.exe (29-Apr-2022, 3:35:43 PM) [pid: 6784]
[INFO]
[INFO]
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ PresentProject ---
[INFO] Building jar: C:\Users\Madhu\eclipse-workspace\PresentProject\target\PresentProject-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ PresentProject ---
[INFO] Installing C:\Users\Madhu\eclipse-workspace\PresentProject\target\PresentProject-0.0.1-SNAPSHOT.jar to C:\Users\Madhu\.m2\repository\com\app\demo\PresentProject\0.0.1-SNAPSHOT\PresentProject-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\Madhu\eclipse-workspace\PresentProject\pom.xml to C:\Users\Madhu\.m2\repository\com\app\demo\PresentProject\0.0.1-SNAPSHOT\PresentProject-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.235 s
[INFO] Finished at: 2022-04-29T15:35:47+05:30
[INFO]
```

The bottom status bar shows the system clock as 03:35 PM on 29-04-2022, and the weather as 40°C Sunny.



Right click on your project and Run As Maven Install - use to specify test classes or methods we want to execute

The screenshot displays the Eclipse IDE interface. On the left, the 'Project Explorer' shows a list of projects, with 'PresentProject' selected. A right-click context menu is open over 'PresentProject', showing options like 'New', 'Go Into', 'Show In', 'Copy', 'Paste', 'Delete', 'Build Path', 'Refactor', 'Import...', 'Export...', 'Refresh', 'Close Project', 'Close Unrelated Projects', 'Search...', 'Coverage As', 'Run As', 'Debug As', 'Profile As', 'Restore from Local History...', 'Maven', 'Team', 'Compare With', 'Configure', 'Source', 'Validate', and 'Properties'. The 'Run As' option is expanded, showing a list of run configurations: '1 Java Application', '2 JUnit Test', '3 Maven build', '4 Maven build...', '5 Maven clean', '6 Maven generate-sources', '7 Maven install', and '8 Maven test'. The 'Maven install' option is selected.

The main editor shows the 'App.java' file with the following code:

```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

The bottom console shows the output of the Maven install command:

```
INFO] Finished at: 2022-04-29T15:35:47+05:30
INFO] -----
fault-jar) @ PresentProject ---
se-workspace\PresentProject\target\PresentProject-0.0.1-SNAPSHOT.jar
tall (default-install) @ PresentProject ---
workspace\PresentProject\target\PresentProject-0.0.1-SNAPSHOT.jar to C:\Users\Madhu\.m2\repository\com\app\demo\Pres
workspace\PresentProject\pom.xml to C:\Users\Madhu\.m2\repository\com\app\demo\PresentProject\0.0.1-SNAPSHOT\Present
-----
```



Check the console for Build Success

The screenshot displays the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Refactor, Navigate, Search, Project, Run, Window, and Help. The Project Explorer on the left shows a project structure with folders like demo_devops, MavenProject, MyFirstMaven, MyFirstWebProject, MyWebApp, NewProject, PresentProject, and Servers. The main editor window shows the source code for App.java, which contains a package declaration, a comment, and a main method that prints "Hello World!". The Console window at the bottom shows the output of a build, including test results and a "BUILD SUCCESS" message.

```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

Console Output:

```
<terminated> C:\Program Files\Java\jdk-11.0.13\bin\javaw.exe (29-Apr-2022, 3:36:10 PM) [pid: 6812]
[INFO] -----
[INFO] Running com.app.demo.PresentProject.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.037 s - in com.app.demo.PresentProject.AppTest
[INFO] Results:
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.169 s
[INFO] Finished at: 2022-04-29T15:36:14+05:30
[INFO] -----
```



Right click on your project and Run As Maven Install - Compiles source code of the project, Creates JAR or WAR file for the project to convert it into a distributable format.

Specify the goals as – Clean Install Test -> Click on Apply

The screenshot shows the Eclipse IDE interface. The 'Edit Configuration' dialog is open, titled 'Edit configuration and launch.' for the 'PresentProject' configuration. The 'Goals' field is set to 'clean install test'. The 'Profiles' field is empty. The 'User settings' section includes checkboxes for 'Offline', 'Update Snapshots', 'Debug Output', 'Skip Tests', 'Resolve Workspace artifacts', and 'Non-recursive', along with a 'Threads' dropdown set to '1'. The 'Parameter Name' and 'Value' table is empty. The 'Apply' button is highlighted. In the background, the 'Console' window shows the following output:

```
[INFO] -----  
[INFO] Running  
[INFO] Tests ru  
[INFO] -----  
[INFO] Results:  
[INFO] -----  
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0  
[INFO] -----  
[INFO] BUILD SUCCESS  
[INFO] -----  
[INFO] Total time: 2.169 s  
[INFO] Finished at: 2022-04-29T15:36:14+05:30  
[INFO] -----
```

The bottom status bar shows the system temperature as 40°C Sunny, the date and time as 03:37 PM 29-04-2022, and the language as ENG.



Click on Run

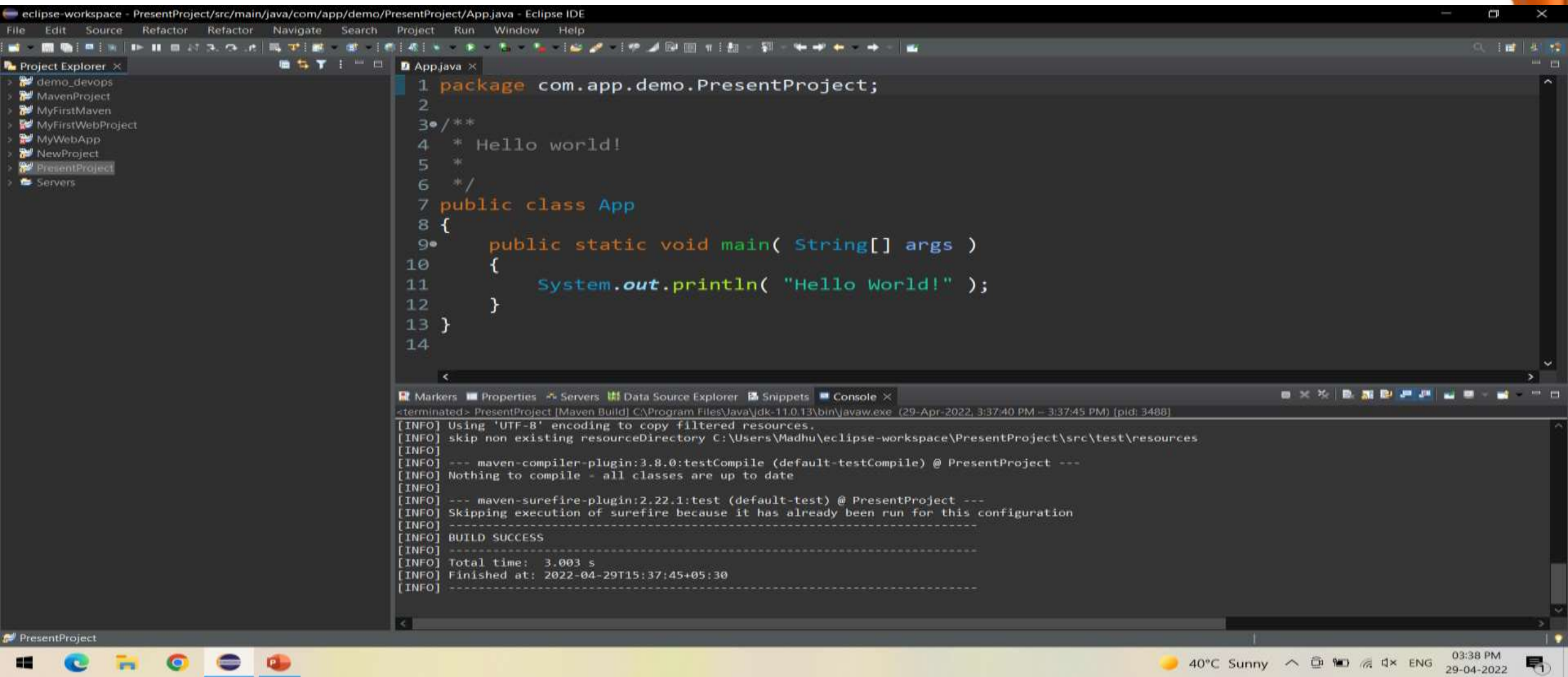
The screenshot shows the Eclipse IDE interface. The 'Project Explorer' on the left lists several projects, including 'PresentProject'. The 'Markers' view at the bottom left shows a log of test results:

```
[INFO] -----  
[INFO] Running  
[INFO] Tests ru  
[INFO]  
[INFO] Results:  
[INFO]  
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0  
[INFO]  
[INFO] -----  
[INFO] BUILD SUCCESS  
[INFO] -----  
[INFO] Total time: 2.169 s  
[INFO] Finished at: 2022-04-29T15:36:14+05:30  
[INFO] -----
```

The 'Edit Configuration' dialog is open in the center, titled 'Edit configuration and launch.'. It shows the configuration for the 'PresentProject' launch. The 'Main' tab is selected, showing the 'Base directory' as '\${project_loc:PresentProject}'. The 'Goals' field is set to 'clean install test'. The 'Profiles' field is empty. The 'User settings' section includes checkboxes for 'Offline', 'Update Snapshots', 'Debug Output', 'Skip Tests', 'Resolve Workspace artifacts', and 'Non-recursive', along with a 'Threads' dropdown set to '1'. The 'Parameter Name' and 'Value' fields are empty. The 'Run' button is highlighted.

The bottom status bar shows the system temperature as 40°C, weather as Sunny, and the time as 03:37 PM on 29-04-2022.

Check for Build Success in Console



The screenshot displays the Eclipse IDE interface. The Project Explorer on the left shows a project named 'PresentProject'. The main editor window shows the source code of 'App.java', which contains a simple 'Hello World' program. The Console window at the bottom shows the output of a Maven build, indicating a successful build.

```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

Console Output:

```
<terminated> PresentProject [Maven Build] C:\Program Files\Java\jdk-11.0.13\bin\javaw.exe (29-Apr-2022, 3:37:40 PM - 3:37:45 PM) [pid: 3488]
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory C:\Users\Madhu\eclipse-workspace\PresentProject\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ PresentProject ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ PresentProject ---
[INFO] Skipping execution of surefire because it has already been run for this configuration
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.003 s
[INFO] Finished at: 2022-04-29T15:37:45+05:30
[INFO]
```



40°C Sunny 03:38 PM 29-04-2022



Select the Created project from the list - > Click Ok

The screenshot displays the Eclipse IDE interface. A 'Select Java Application' dialog box is open in the center, prompting the user to select a type. The 'Select type' field is empty. Below it, a list of 'Matching Items' is shown: 'App - com.app.demo.PresentProject', 'JUnitCore - org.junit.runner', 'TestRunner - junit.textui', and 'Version - junit.runner'. The 'App' item is highlighted. At the bottom of the dialog, the text 'com.app.demo.PresentProject' is displayed, along with 'OK' and 'Cancel' buttons.

In the background, the 'Project Explorer' on the left shows a project named 'PresentProject' selected. The 'Java Editor' on the right shows a file named 'PresentProject.java' with the following code:

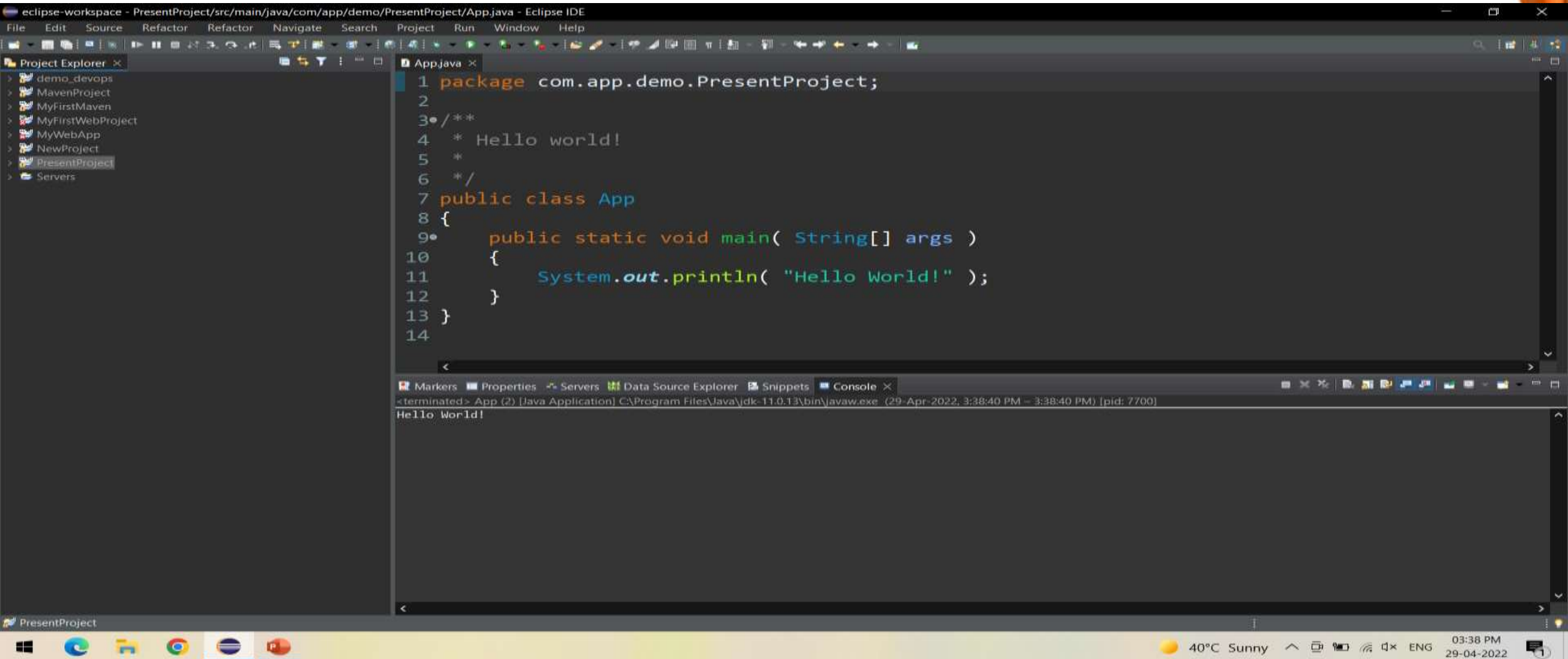
```
1 public class PresentProject {  
2     public static void main(String[] args) {  
3         System.out.println("Hello World!");  
4     }  
5 }
```

The 'Console' window at the bottom shows the output of the build process:

```
<terminated> PresentProject [Maven Build] C:\Program Files\Java\jdk-11.0.13\bin\javaw.exe (29-Apr-2022, 3:37:40 PM - 3:37:45 PM) [pid: 3488]  
[INFO] Using 'UTF-8' encoding to copy filtered resources.  
[INFO] skip non existing resourceDirectory C:\Users\Madhu\eclipse-workspace\PresentProject\src\test\resources  
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ PresentProject ---  
[INFO] Nothing to compile - all classes are up to date  
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ PresentProject ---  
[INFO] Skipping execution of surefire because it has already been run for this configuration  
[INFO] BUILD SUCCESS  
[INFO] Total time: 3.003 s  
[INFO] Finished at: 2022-04-29T15:37:45+05:30  
[INFO]
```

The Windows taskbar at the bottom shows the system clock as 03:38 PM on 29-04-2022, and the weather as 40°C Sunny.

In the console we can view the output of the project



The screenshot displays the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Refactor, Navigate, Search, Project, Run, Window, and Help. The Project Explorer on the left shows a workspace with several projects, including 'PresentProject'. The main editor window displays the source code for 'App.java', which is a simple Java application that prints 'Hello World!'. The Console window at the bottom shows the output of the application, which is 'Hello World!'. The status bar at the bottom indicates the system temperature is 40°C, it is sunny, and the date is 29-04-2022.

```
1 package com.app.demo.PresentProject;
2
3 /**
4  * Hello world!
5  *
6  */
7 public class App
8 {
9     public static void main( String[] args )
10    {
11        System.out.println( "Hello World!" );
12    }
13 }
14
```

<terminated> App (2) [Java Application] C:\Program Files\Java\jdk-11.0.13\bin\javaw.exe (29-Apr-2022, 3:38:40 PM – 3:38:40 PM) [pid: 7700]
Hello World!



Next is to push the project into GitHub, for this, create a new repository in GitHub

The screenshot shows the GitHub homepage in a web browser. The browser's address bar shows 'github.com'. The GitHub navigation bar includes a search bar, 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. On the left, there's a 'Recent Repositories' section with a 'New' button and a list of repositories by user 'budarajumadhurika'. Below that is a 'Recent activity' section. The main content area has tabs for 'Following' and 'For you (Beta)'. A card titled 'Introduce yourself' prompts the user to create a README, showing a preview of a sample README file. To the right, a 'New repository' dropdown menu is open, showing options: 'New repository', 'Import repository', 'New gist', 'New organization', and 'New project'. A 'Dismiss this' link and a green 'Continue' button are also visible. The bottom of the page shows a Windows taskbar with various application icons and a system tray displaying '40°C Sunny' and the time '03:39 PM' on '29-04-2022'.

GitHub

Search or jump to... Pull requests Issues Marketplace Explore

Recent Repositories [New](#)

Find a repository...

- budarajumadhurika/NewTraining
- budarajumadhurika/MyWebApp
- budarajumadhurika/MyFirstWebProject
- budarajumadhurika/demovdevops
- budarajumadhurika/MavenProjectSample
- budarajumadhurika/Server1
- budarajumadhurika/git-github

Show more

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Following For you (Beta)

Introduce yourself

The easiest way to introduce yourself on GitHub is by creating a README in a repository about you! You can start here:

budarajumadhurika / README.md

```
1 - 👋 Hi, I'm @budarajumadhurika
2 - 🐼 I'm interested in ...
3 - 🌱 I'm currently learning ...
4 - 🍷 I'm looking to collaborate on ...
5 - 📫 How to reach me ...
6
```

[Dismiss this](#) [Continue](#)

Discover interesting projects and people to populate your personal news feed.

Your news feed helps you keep up with recent activity on repositories you [watch](#) or [star](#) and people you [follow](#).

[Explore GitHub](#)

New repository

- Import repository
- New gist
- New organization
- New project

Our response to t
GitHub is united with
international commu
[Read more](#)

https://github.com/new

40°C Sunny 03:39 PM 29-04-2022



Select Maven in gitignore- to ignore unwanted target files in maven project while committing

Create a New Repository

github.com/new

Owner * budarajumadhurika / Repository name * PresentProject ✓

Great repository names are short and memorable. Need inspiration? How about [redesigned-octo-engine](#)?

Description (optional)
Demo Project for Team

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ Add a README file
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None

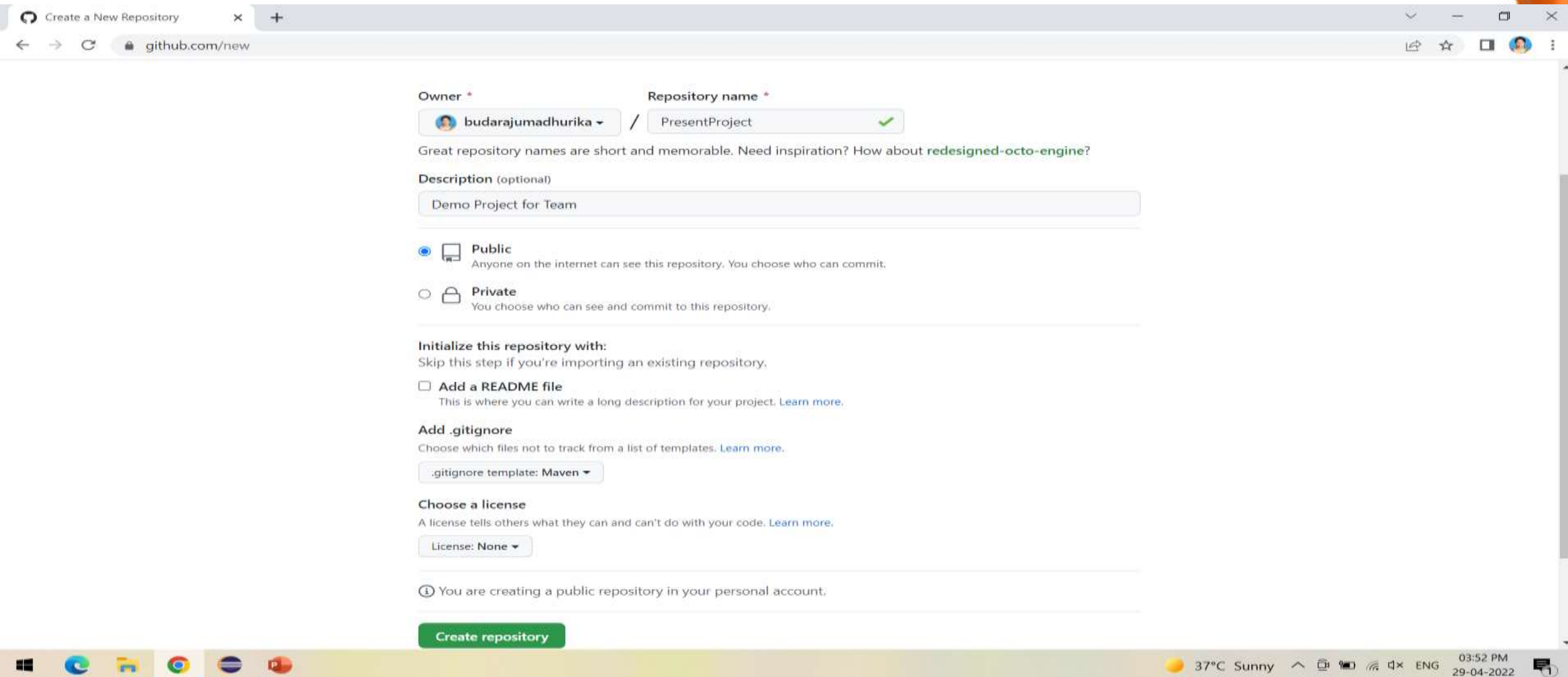
.gitignore template
maven
Maven

☐ You are creating a public repository in your personal account.

Create repository

37°C Sunny 03:52 PM 29-04-2022



Click on create repository



Create a New Repository

github.com/new


Owner ^{*} Repository name ^{*}


 budarajumadhurika / PresentProject 

Great repository names are short and memorable. Need inspiration? How about [redesigned-octo-engine](#)?

Description (optional)

Demo Project for Team

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.


☐ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: Maven

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

License: None

 You are creating a public repository in your personal account.

Create repository

Windows taskbar: 37°C Sunny, 03:52 PM, 29-04-2022



Copy the HTTPs URL as shown to be copied into Jenkins

The screenshot shows a web browser displaying the GitHub repository page for 'budarajumadhurika / PresentProject'. The repository is public and has 1 branch and 0 tags. The 'Code' button is highlighted, and a dropdown menu is open, showing the 'Clone' option. The HTTPS URL is displayed as 'https://github.com/budarajumadhurika/Presi', and a 'Copied!' notification is shown next to it. The page also includes sections for 'About', 'Releases', and 'Packages'. The footer of the page shows the GitHub logo, copyright information, and various links like Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About. The system tray at the bottom indicates the date and time as 03:53 PM on 29-04-2022, along with weather information (37°C Sunny) and system icons.

budarajumadhurika / PresentProject Public

main 1 branch 0 tags

budarajumadhurika Initial commit

.gitignore Initial commit

Help people interested in this repository understand your project by adding a README file.

Go to file Add file Code

Clone

HTTPS SSH GitHub CLI

https://github.com/budarajumadhurika/Presi Copied!

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

Download ZIP

About

Demo Project for Team

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

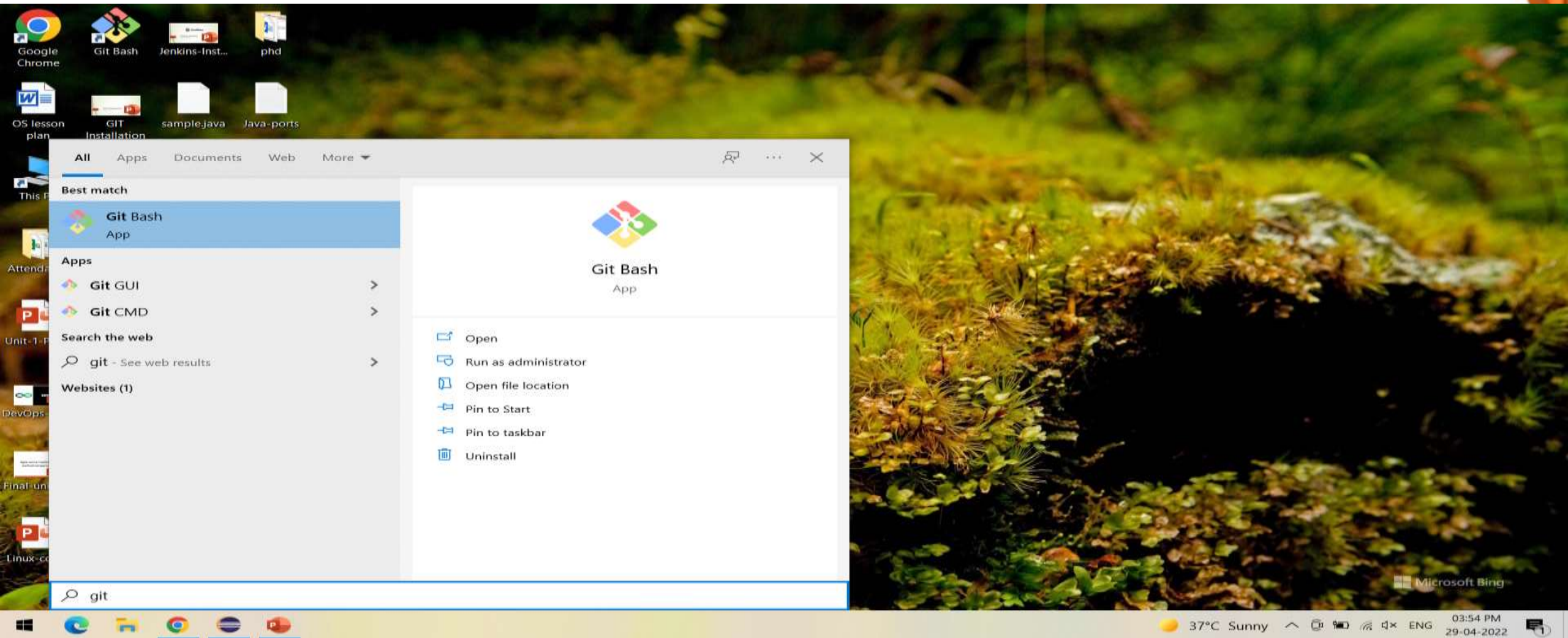
No packages published

Publish your first package

© 2022 GitHub, Inc. Terms Privacy Security Status Docs Contact GitHub Pricing API Training Blog About

37°C Sunny 03:53 PM 29-04-2022

Open Git Bash to push the project into GitHub





Clone the GitHub repository into the local system

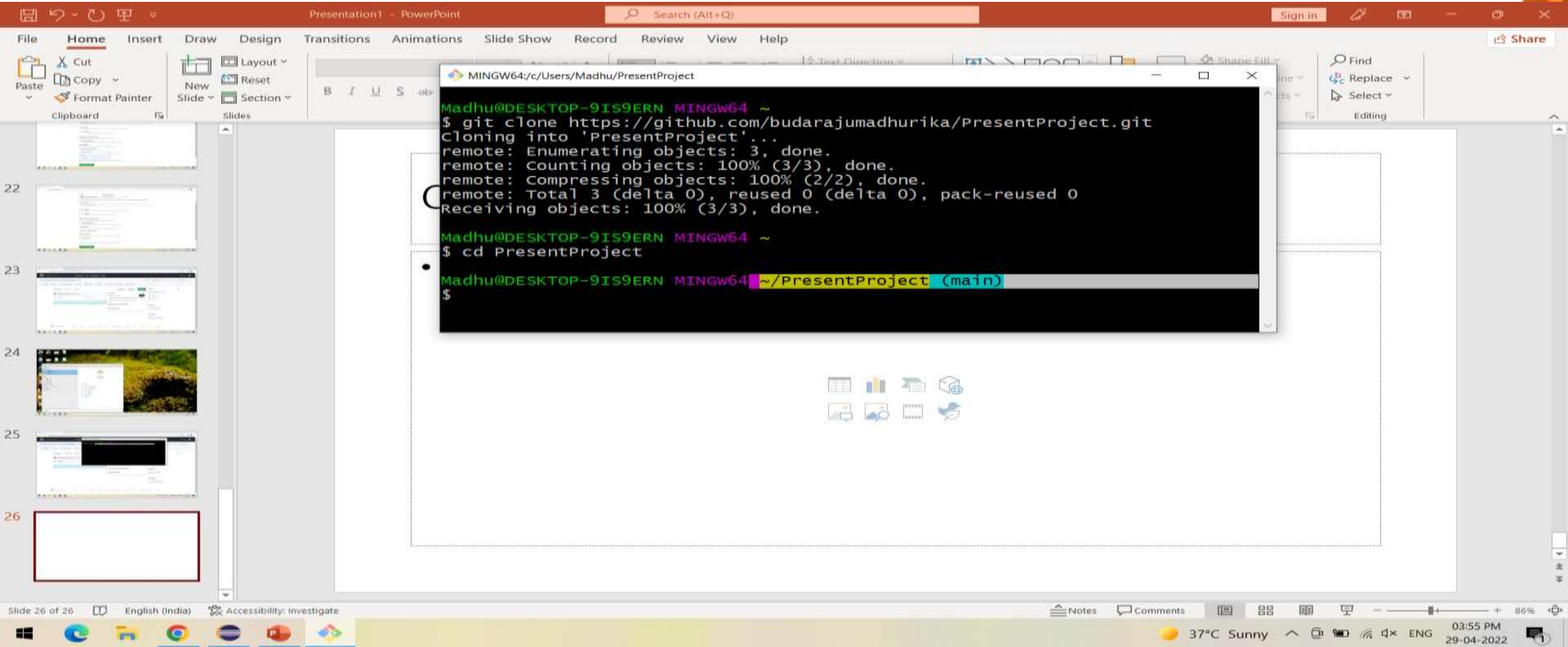
The screenshot shows a web browser displaying the GitHub repository page for `budarajumadhurika/PresentProject`. The repository is public and has 1 branch and 0 tags. The main branch is selected. Below the repository name, there is a list of files: `.gitignore`. A blue banner at the bottom of the repository page says: "Help people interested in this repository understand your project by adding a README file".

Overlaid on the browser window is a terminal window titled `MINGW64/c/Users/Madhu`. The terminal shows the command `git clone https://github.com/budarajumadhurika/PresentProject.git` being executed. The output of the command is not visible in the terminal window.

Below the terminal window, a context menu is open, showing two options: `Open with GitHub Desktop` and `Download ZIP`.

The bottom of the screenshot shows the Windows taskbar with various application icons and the system tray displaying the date and time: 03:55 PM, 29-04-2022.


After cloning follow the steps as shown

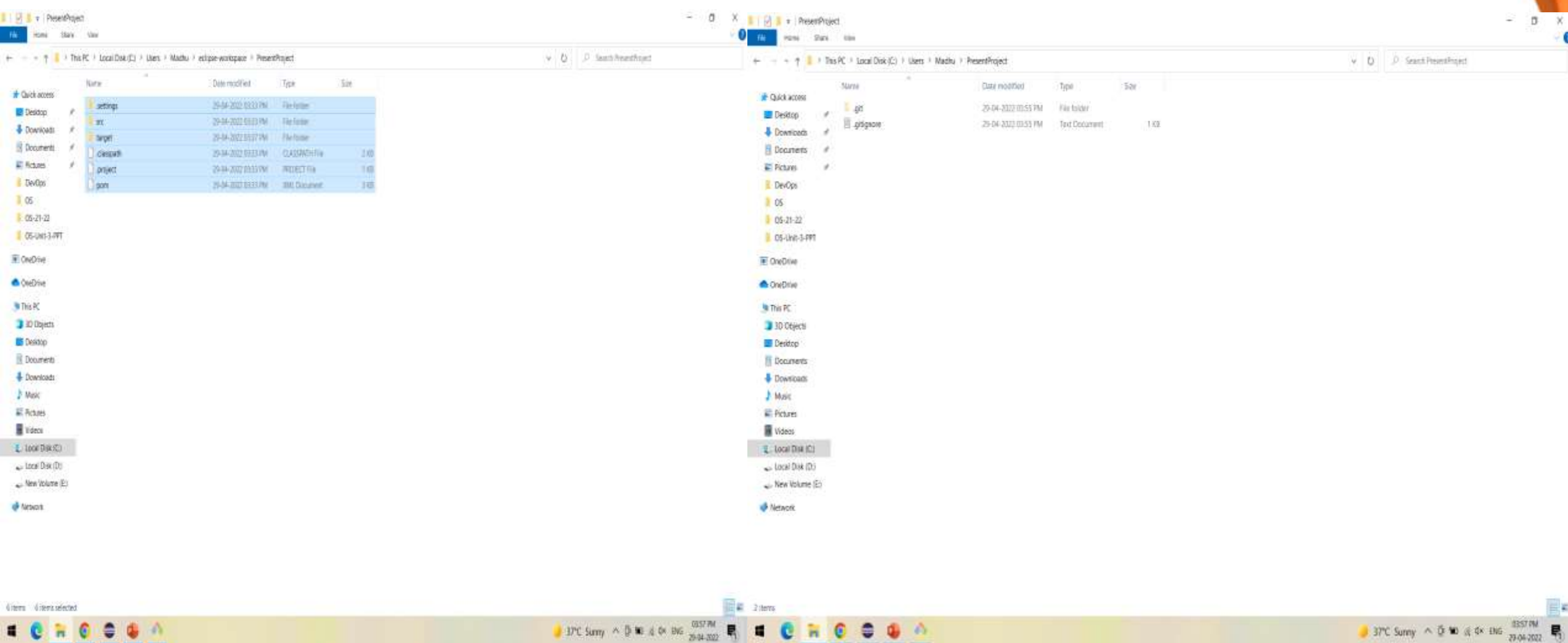


The screenshot shows a PowerPoint presentation titled "Presentation1 - PowerPoint" with a red ribbon at the top. The ribbon includes tabs for File, Home, Insert, Draw, Design, Transitions, Animations, Slide Show, Record, Review, View, and Help. The Home tab is active, showing options for Paste, Cut, Copy, Format Painter, Clipboard, New Slide, Layout, Reset, Section, and Slides. The main content area displays a terminal window titled "MINGW64/c/Users/Madhu/PresentProject" with the following commands and output:

```
Madhu@DESKTOP-9IS9ERN MINGW64 ~  
$ git clone https://github.com/budarajumadhurika/PresentProject.git  
Cloning into 'PresentProject'..  
remote: Enumerating objects: 3, done.  
remote: Counting objects: 100% (3/3), done.  
remote: Compressing objects: 100% (2/2), done.  
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
Receiving objects: 100% (3/3), done.  
  
Madhu@DESKTOP-9IS9ERN MINGW64 ~  
$ cd PresentProject  
  
Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)  
$
```

The terminal window is overlaid on a slide that is mostly blank, with a small icon of a calendar and a bar chart visible in the bottom right corner. The slide number 26 is visible in the bottom left corner of the PowerPoint window.

 One way of cloning the local and global projects is to copy the contents from eclipse workspace to the local cloned repository as shown





The project files are successfully copied into the PresentProject repository

The screenshot shows a Windows File Explorer window titled 'PresentProject'. The address bar indicates the path: 'This PC > Local Disk (C:) > Users > Madhu > PresentProject'. The left sidebar shows the 'Quick access' pane with 'Local Disk (C:)' selected. The main pane displays a list of files and folders. The status bar at the bottom indicates '8 Items' and '6 Items selected'.

Name	Date modified	Type	Size
.git	29-04-2022 03:55 PM	File folder	
.settings	29-04-2022 03:59 PM	File folder	
src	29-04-2022 03:59 PM	File folder	
target	29-04-2022 03:59 PM	File folder	
.classpath	29-04-2022 03:33 PM	CLASSPATH File	2 KB
.gitignore	29-04-2022 03:55 PM	Text Document	1 KB
.project	29-04-2022 03:33 PM	PROJECT File	1 KB
pom	29-04-2022 03:33 PM	XML Document	3 KB

8 Items 6 Items selected

Taskbar: 37°C Sunny, 03:59 PM, 29-04-2022



Using Git bash, add and commit the changes made as shown

The screenshot shows a Windows File Explorer window on the left, displaying the contents of the 'PresentProject' directory. The files listed are: .git, .settings, src, target, .classpath, .gitignore, .project, and pom. On the right, a Git Bash terminal window is open, showing the following commands and output:

```
Mingw64/c/Users/Madhu/PresentProject
Madhu@DESKTOP-9IS9ERN MINGW64 ~
$ git clone https://github.com/budarajumadhurika/PresentProject.git
Cloning into 'PresentProject'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

Madhu@DESKTOP-9IS9ERN MINGW64 ~
$ cd PresentProject

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$ git add .

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$ git commit -m "Demo for Team"
[main 1cc12d8] Demo for Team
8 files changed, 174 insertions(+)
create mode 100644 .classpath
create mode 100644 .project
create mode 100644 .settings/org.eclipse.core.resources.prefs
create mode 100644 .settings/org.eclipse.jdt.core.prefs
create mode 100644 .settings/org.eclipse.m2e.core.prefs
create mode 100644 pom.xml
create mode 100644 src/main/java/com/app/demo/PresentProject/App.java
create mode 100644 src/test/java/com/app/demo/PresentProject/AppTest.java

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$
```

The Windows taskbar at the bottom shows the system clock as 04:00 PM on 29-04-2022, with a temperature of 37°C and weather conditions of Sunny.



Push the changes to the GitHub as shown

The screenshot shows a PowerPoint presentation titled "Presentation1 - PowerPoint" with a terminal window open in the foreground. The terminal window displays the following commands and output:

```
MINGW64/c/Users/Madhu/PresentProject
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

Madhu@DESKTOP-9IS9ERN MINGW64 ~
$ cd PresentProject

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$ git add .

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$ git commit -m "Demo for Team"
[main 1cc12d8] Demo for Team
 8 files changed, 174 insertions(+)
 create mode 100644 .classpath
 create mode 100644 .project
 create mode 100644 .settings/org.eclipse.core.resources.prefs
 create mode 100644 .settings/org.eclipse.jdt.core.prefs
 create mode 100644 .settings/org.eclipse.m2e.core.prefs
 create mode 100644 pom.xml
 create mode 100644 src/main/java/com/app/demo/PresentProject/App.java
 create mode 100644 src/test/java/com/app/demo/PresentProject/AppTest.java

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$ git push
Enumerating objects: 25, done.
Counting objects: 100% (25/25), done.
Delta compression using up to 8 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (24/24), 3.02 KiB | 774.00 KiB/s, done.
Total 24 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/budarajumadhurika/PresentProject.git
 3a84641..1cc12d8  main -> main

Madhu@DESKTOP-9IS9ERN MINGW64 ~/PresentProject (main)
$
```

The background shows a PowerPoint slide titled "26" with a diagram of a project structure. The slide content is partially obscured by the terminal window. The bottom of the screen shows the Windows taskbar with the date and time: 04:00 PM, 29-04-2022.



Refresh the GitHub to see the updated repository

The screenshot shows a web browser window displaying a GitHub repository page for 'budarajumadhurika / PresentProject'. The repository is public and has 1 branch (main) and 0 tags. The 'Code' dropdown menu is open, showing options to clone the repository using HTTPS, SSH, or GitHub CLI, or to download the ZIP file. The repository description is 'Demo Project for Team'. The page also shows the repository's star count (0 stars), watching count (1 watching), and fork count (0 forks). The footer of the page includes the GitHub logo, copyright information (© 2022 GitHub, Inc.), and links to Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About. The Windows taskbar at the bottom shows the time as 04:00 PM on 29-04-2022, with a weather widget indicating 37°C Sunny.

Reload this page

Search or jump to...

Pull requests Issues Marketplace Explore

budarajumadhurika / PresentProject Public

Pin Unwatch 1 Fork 0 Star 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

budarajumadhurika Initial commit

.gitignore Initial commit

Help people interested in this repository understand your project by adding a README file.

Go to file Add file Code

Clone

HTTPS SSH GitHub CLI

<https://github.com/budarajumadhurika/PresentProject>

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

Download ZIP

About

Demo Project for Team

0 stars

1 watching

0 forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

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37°C Sunny 04:00 PM 29-04-2022



Repository is successfully updated

budarajumadhurika/PresentProject x +

github.com/budarajumadhurika/PresentProject

Search or jump to... Pull requests Issues Marketplace Explore

budarajumadhurika / PresentProject Public

Pin Unwatch 1 Fork 0 Star 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

budarajumadhurika Demo for Team 1cc12d8 43 seconds ago 2 commits

.settings	Demo for Team	43 seconds ago
src	Demo for Team	43 seconds ago
.classpath	Demo for Team	43 seconds ago
.gitignore	Initial commit	8 minutes ago
.project	Demo for Team	43 seconds ago
pom.xml	Demo for Team	43 seconds ago

Help people interested in this repository understand your project by adding a README. Add a README

About Demo Project for Team

- 0 stars
- 1 watching
- 0 forks

Releases No releases published Create a new release

Packages No packages published Publish your first package

Languages

- Java 100.0%

37°C Sunny 04:00 PM 29-04-2022