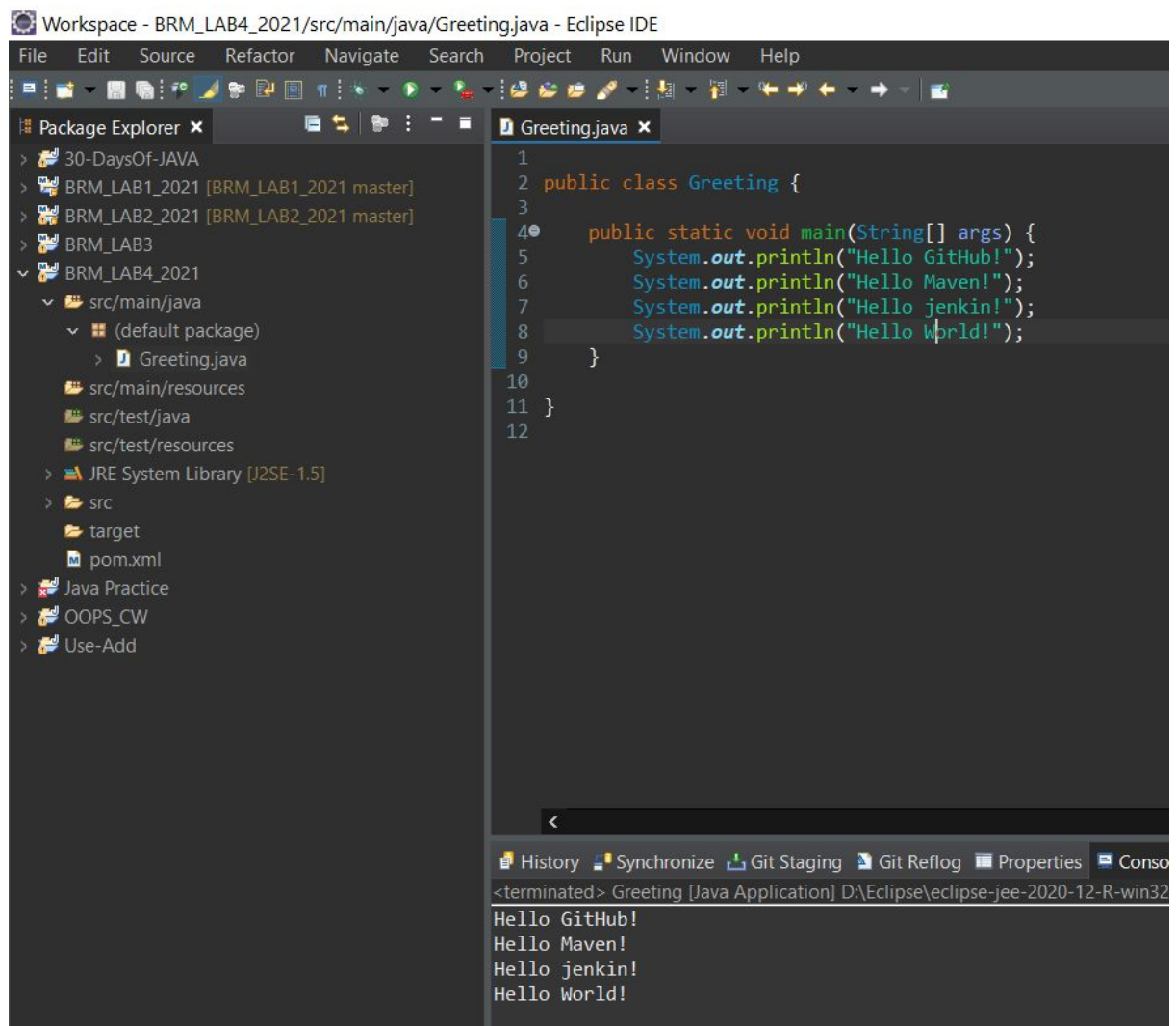


# EXPERIMENT - 4

NAME: **SUNNY RAJ**  
ROLL NO: **R171219036**  
SAP ID: **500075877**  
BATCH: **DEVOPS**  
SEMESTER: **4**

- First creating Maven Project as **BRM\_LAB4\_2021** and class as **Greeting**.



Workspace - BRM\_LAB4\_2021/src/main/java/Greeting.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Package Explorer x

- > 30-DaysOf-JAVA
- > BRM\_LAB1\_2021 [BRM\_LAB1\_2021 master]
- > BRM\_LAB2\_2021 [BRM\_LAB2\_2021 master]
- > BRM\_LAB3
- > BRM\_LAB4\_2021
  - src/main/java
    - (default package)
      - Greeting.java
    - src/main/resources
    - src/test/java
    - src/test/resources
  - > JRE System Library [J2SE-1.5]
  - > src
  - target
  - pom.xml
- > Java Practice
- > OOPS\_CW
- > Use-Add

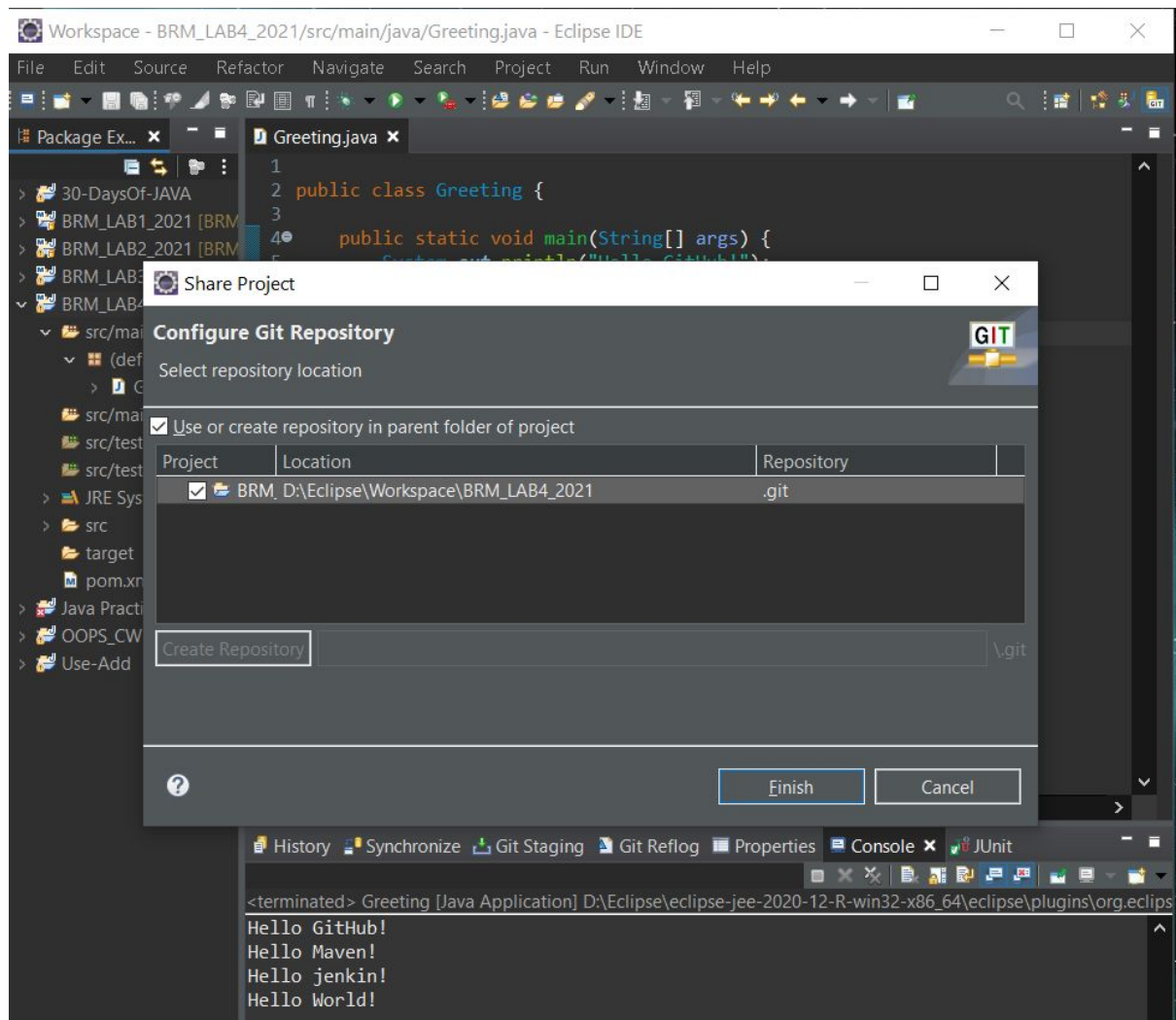
Greeting.java x

```
1
2 public class Greeting {
3
4     public static void main(String[] args) {
5         System.out.println("Hello GitHub!");
6         System.out.println("Hello Maven!");
7         System.out.println("Hello jenkins!");
8         System.out.println("Hello World!");
9     }
10
11 }
12
```

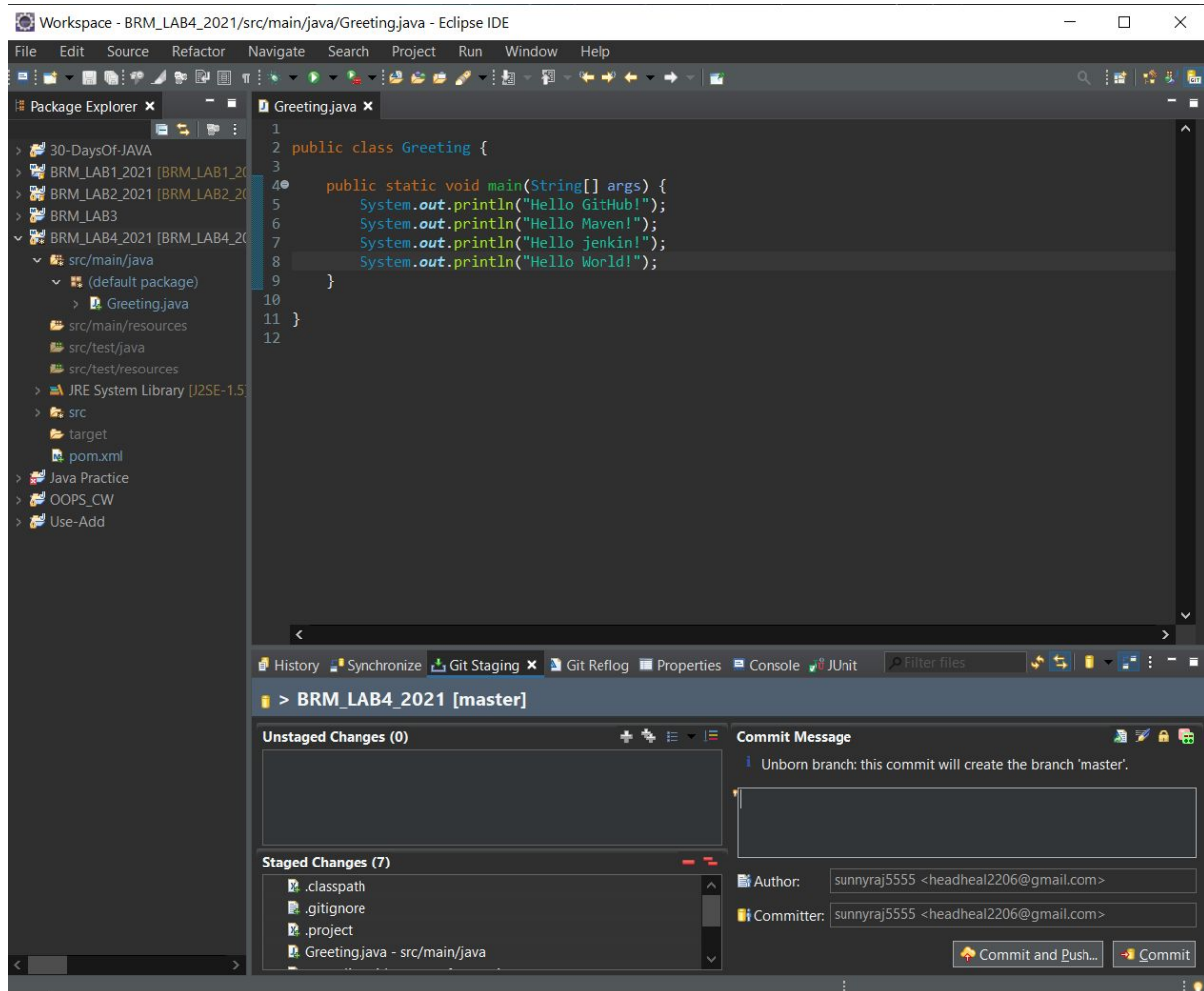
History Synchronize Git Staging Git Reflog Properties Console

```
<terminated> Greeting [Java Application] D:\Eclipse\ eclipse-jee-2020-12-R-win32
Hello GitHub!
Hello Maven!
Hello jenkins!
Hello World!
```

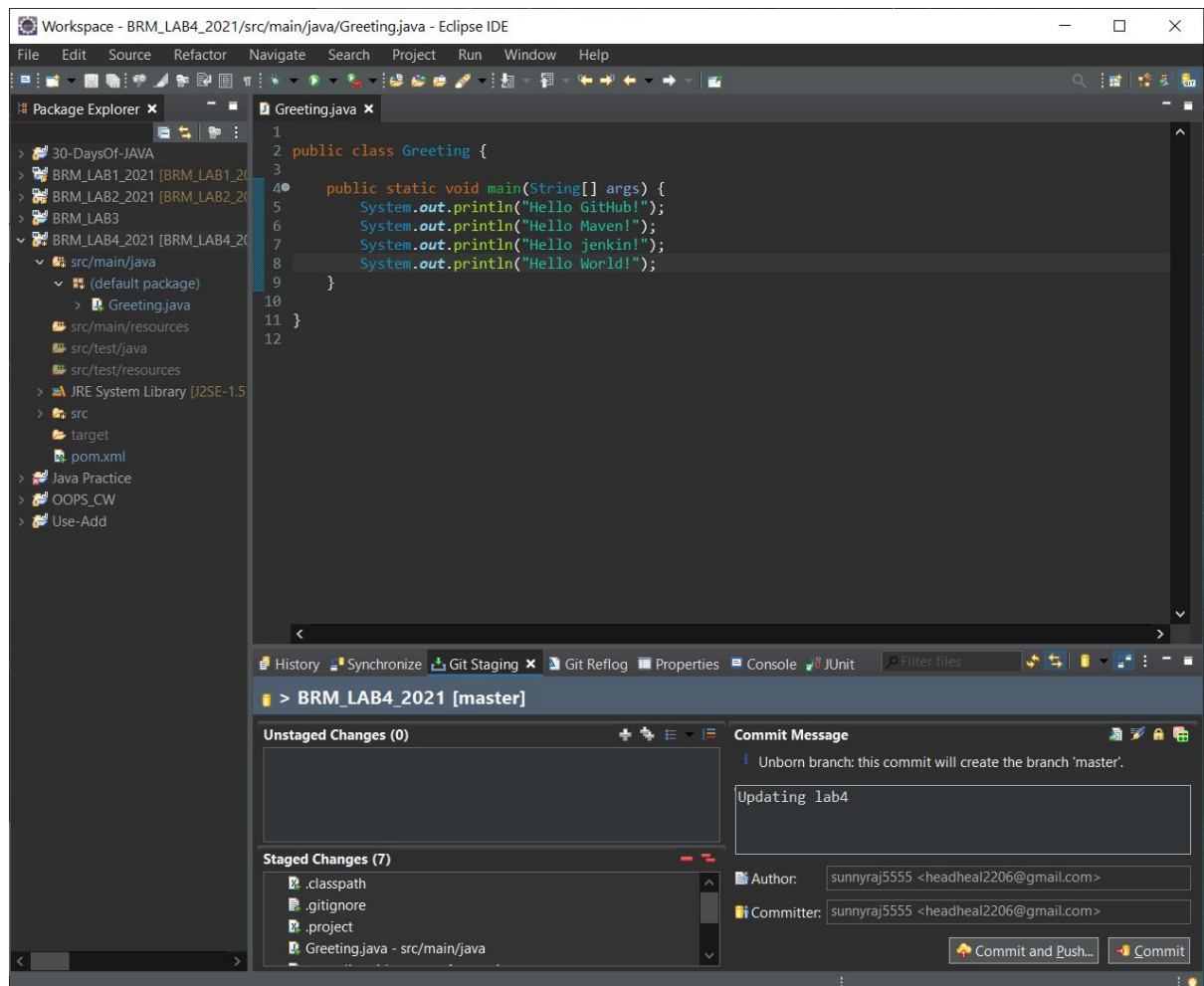
## - Now configuring github URI.



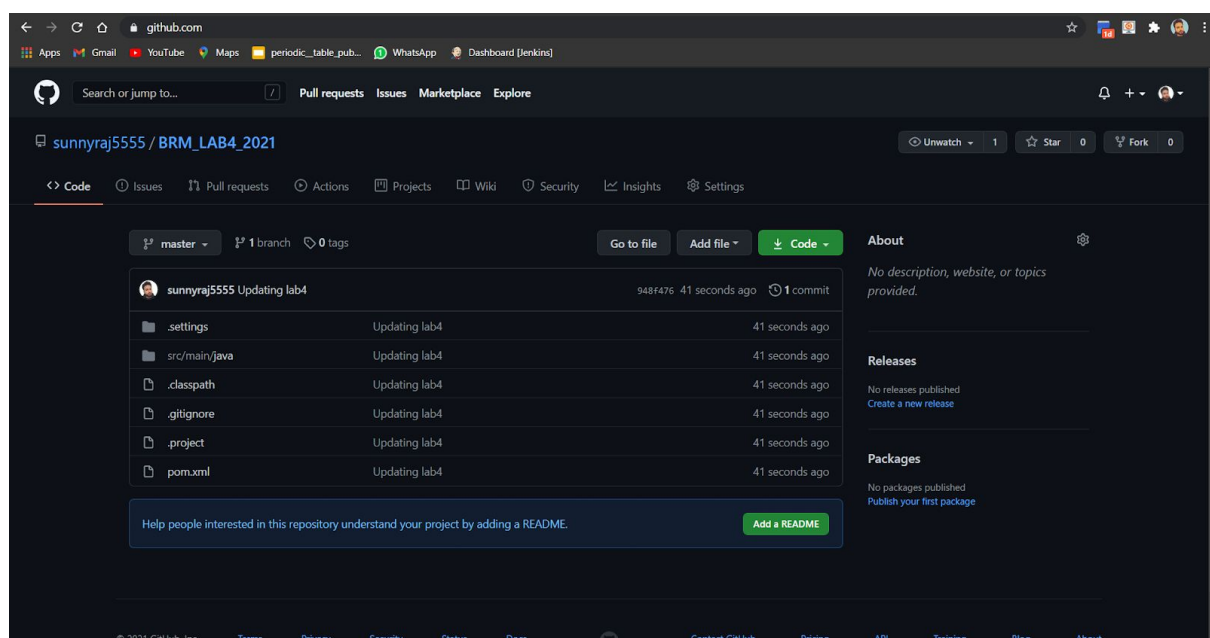
## - Now staging all files



## - Now Commit and Push to configured repository



## - Code Pushed Successfully



- Now open Jenkins, Create Maven Project, and then link it with GitHub repository, then select the build now button.

The screenshot shows the Jenkins configuration page for a project named 'BRM\_LAB4\_2021'. The 'Source Code Management' tab is selected. Under 'Source Code Management', the 'Git' option is chosen. The 'Repository URL' is set to 'https://github.com/sunnyraj5555/BRM\_LAB4\_2021.git'. The 'Credentials' dropdown is set to '- none -' with an 'Add' button next to it. There are 'Advanced...' and 'Add Repository' buttons. Under 'Branches to build', the 'Branch Specifier (blank for \'any\')' is set to '\*/master', with an 'Add Branch' button. At the bottom, there are 'Save' and 'Apply' buttons.

- Now go to pool SCM and automate by placing \* \* \* \* \* for committing per minute

The screenshot shows the Jenkins configuration page for the same project, now on the 'Build Triggers' tab. The 'Poll SCM' checkbox is checked. The 'Schedule' field contains '\*\*\*\*'. A warning message is displayed: 'Do you really mean "every minute" when you say "\*\*\*\*"? Perhaps you meant "H \*\*\*\*" to poll once per hour. Would last have run at Sunday, 14 February, 2021 at 11:16:36 PM India Standard Time; would next run at Sunday, 14 February, 2021 at 11:16:36 PM India Standard Time.' At the bottom, there are 'Save' and 'Apply' buttons, and an unchecked checkbox for 'Ignore post-commit hooks'.

## - Now Build Now

The screenshot shows the Jenkins web interface in a browser. The address bar indicates the URL is `http://localhost:8080/job/BRM_LAB4_2021/`. The Jenkins logo and a search bar are at the top. The user 'Sunny Raj' is logged in, with a 'log out' button. The breadcrumb trail shows 'Dashboard > BRM\_LAB4\_2021 >'. On the left sidebar, the 'Build Now' button is highlighted. The main content area is titled 'Maven project BRM\_LAB4\_2021' and includes links for 'Workspace', 'Recent Changes', and 'Permalinks'. The 'Permalinks' section lists four links for the last build, stable build, successful build, and completed build, all dated '2 min 17 sec ago'. A 'Build History' section at the bottom shows a table with one entry: build #4, dated 'Feb 14, 2021, 11:20 PM'.

Dashboard > BRM\_LAB4\_2021 >

Back to Dashboard

Status

Changes

Workspace

Build Now

Configure

Delete Maven project

Modules

Git Polling Log

Rename

Build History trend ^

find

#4 Feb 14, 2021, 11:20 PM

### Maven project BRM\_LAB4\_2021

[add description](#)

[Disable Project](#)

Workspace

Recent Changes

#### Permalinks

- Last build (#4), 2 min 17 sec ago
- Last stable build (#4), 2 min 17 sec ago
- Last successful build (#4), 2 min 17 sec ago
- Last completed build (#4), 2 min 17 sec ago

## - Finally Build Succesfull.