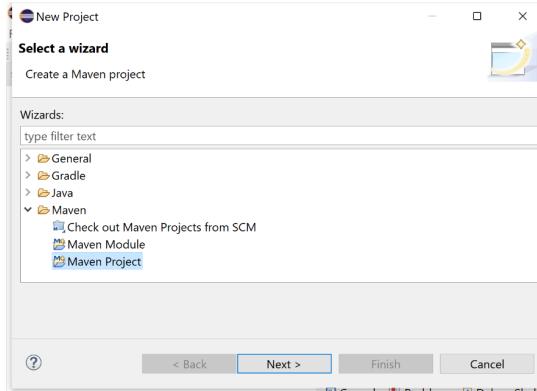
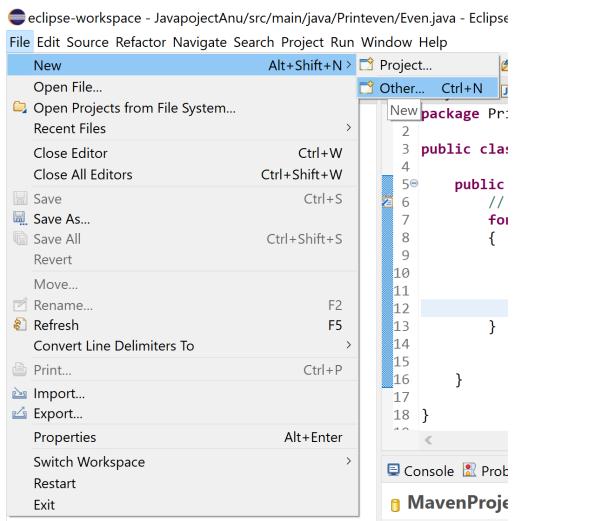


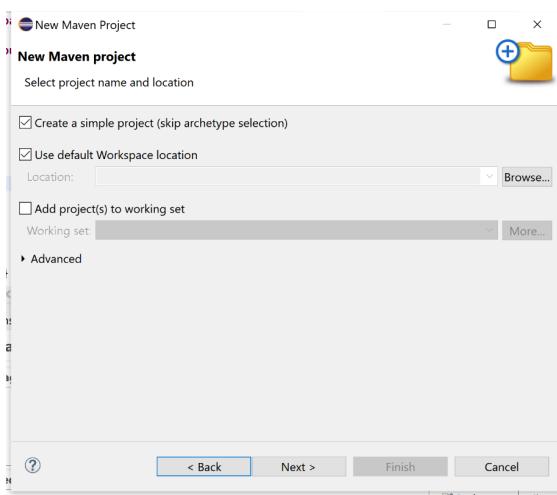
# ECLIPSE

# 1. Creating a new Maven project

## **STEP 1:File → New→Others→ Maven Project→ Next**

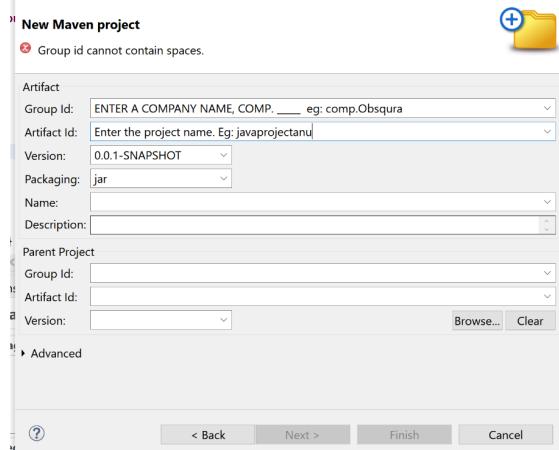


**STEP 2.** Check the ‘Create simple project’ option and click **NEXT**



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### STEP 3. Enter the details and click **NEXT.**

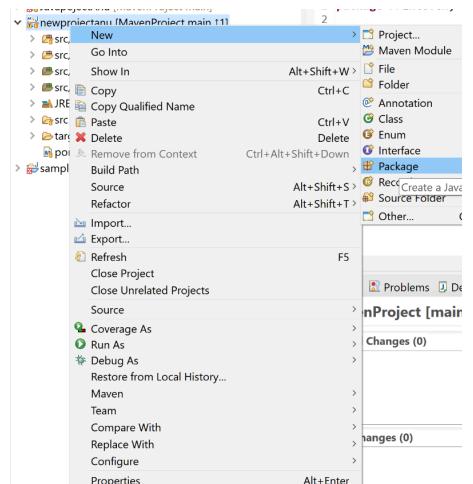


Now, a Maven Project is created.

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## 2. Creating a new package and classes

1. Right click on the newly created project → **NEW → Package**. Give a package name and click on the **Finish**. The new package is created
2. Right click on the SRC/main java → **NEW → classes**. Give a class name and click on the **Finish**. The new class is created



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## GIT :

**GIT** is a platform to push & pull our projects.

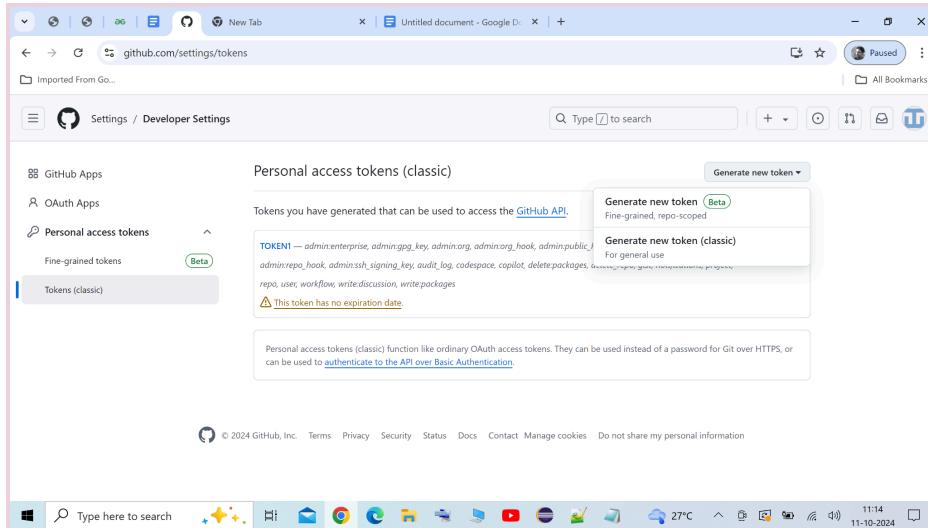
# 1. GIT STEPS

## 1. CREATE REPOSITORY

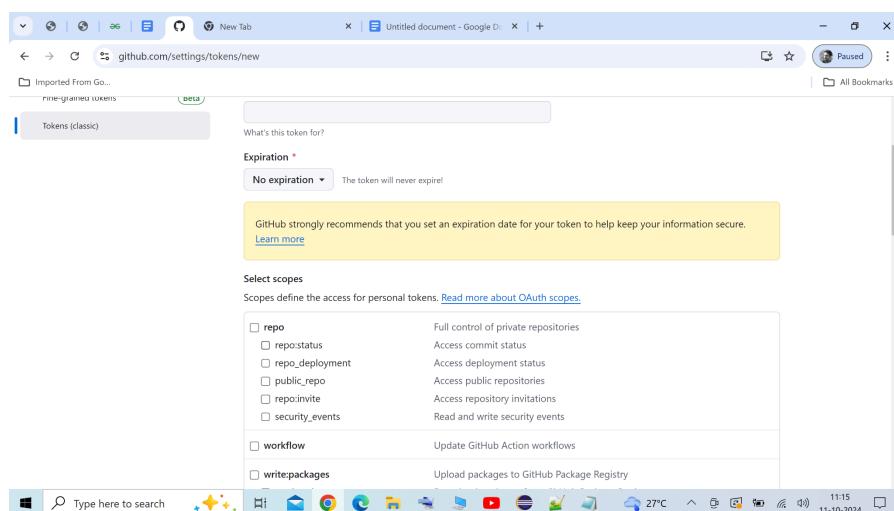
- Give a Repository Name → Eg:Maven Project
  - Click on Add a readme file
  - Create repository
- 

## 2. CREATE TOKEN

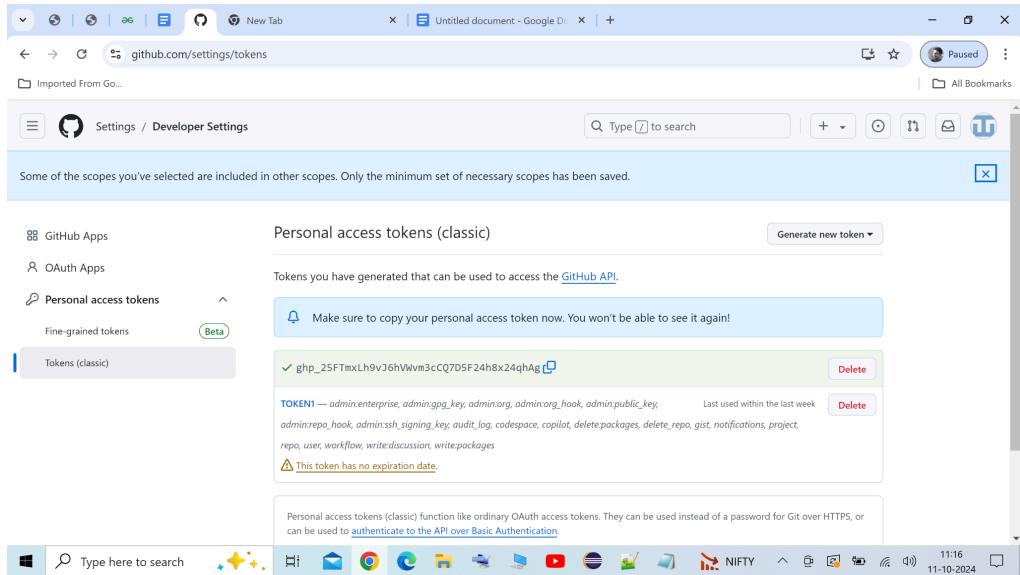
Go to Github.com → Settings → Developer Settings → Personal access tokens → Token (classic) → Generate new token (Classic) For general use .



2. Expiration: No expiration. → Select all Scopes → Generate token



3. Copy the token to notepad. This token is the password used in Eclipse.



## 2. ECLIPSE STEPS

### 1. LOCAL REPOSITORY :

- Repositories contain the collection of the files as well as the history of changes made to those files.
- Repositories in Git are considered as your project folder.
- A repository has all the project-related data.

### 2. SHARE PROJECT

### 3. GIT STAGING

- Staged means that you have marked modified files in its current version to go into your next commit.
- Files that have been moved from unstaged will be included in the next "commit"

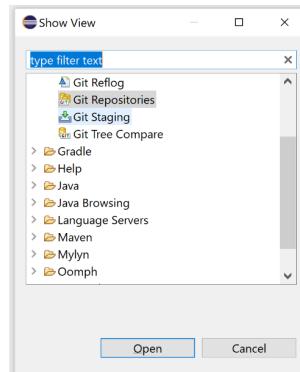
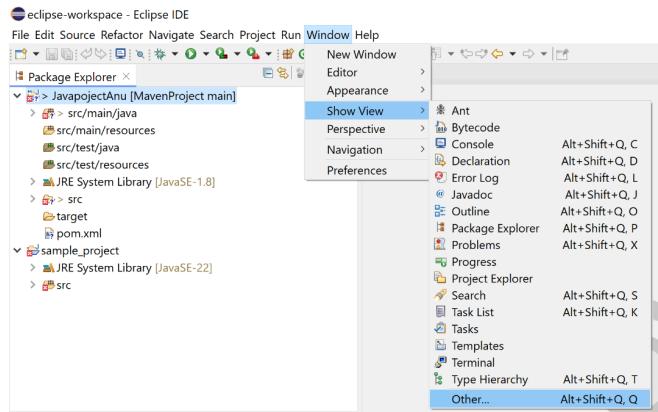
### 4. COMMIT AND PUSH :

- If repository is available on the local storage You can commit it and contribute to the project by pushing it on a remote server.

**Step 1:** Create a new project, package and classes. Save and run the program.

## Step 2: LOCAL REPOSITORY:

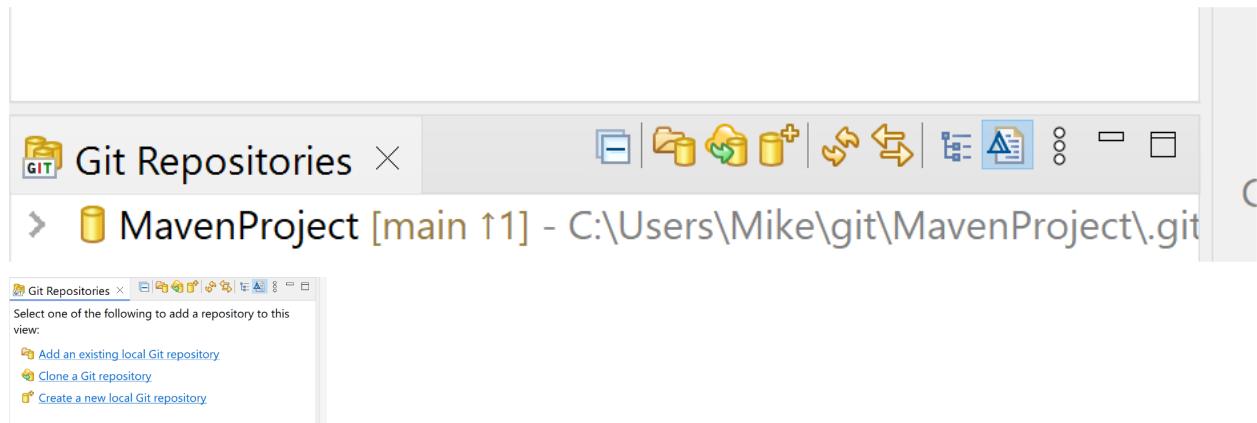
Go to Windows → SHOW VIEW → others → GIT repositories → OPEN



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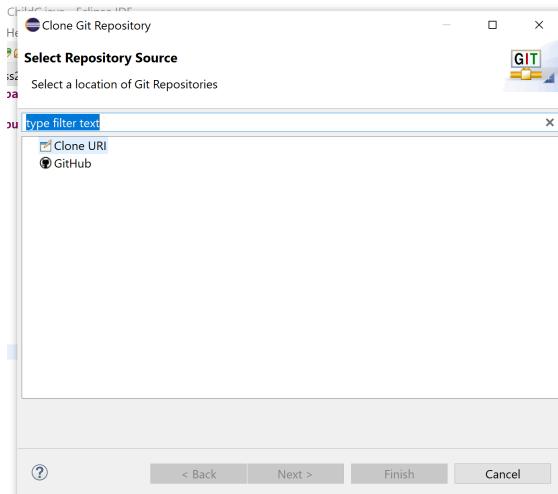
**CLONING:** In Git, cloning is the act of making a copy of any target repository.

**Step 3.** Now, Click on “**CLONE a GIT repository**” or on the green arrow icon given below



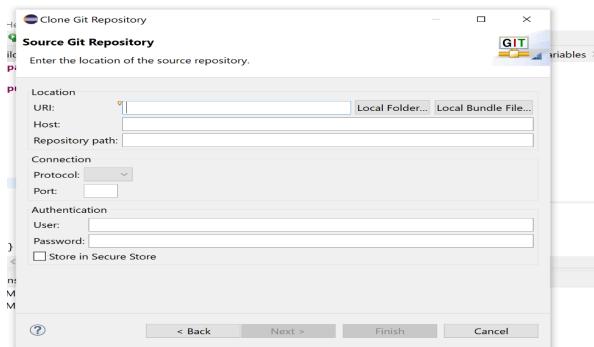
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**4.** Click on **CLONE URL** and next

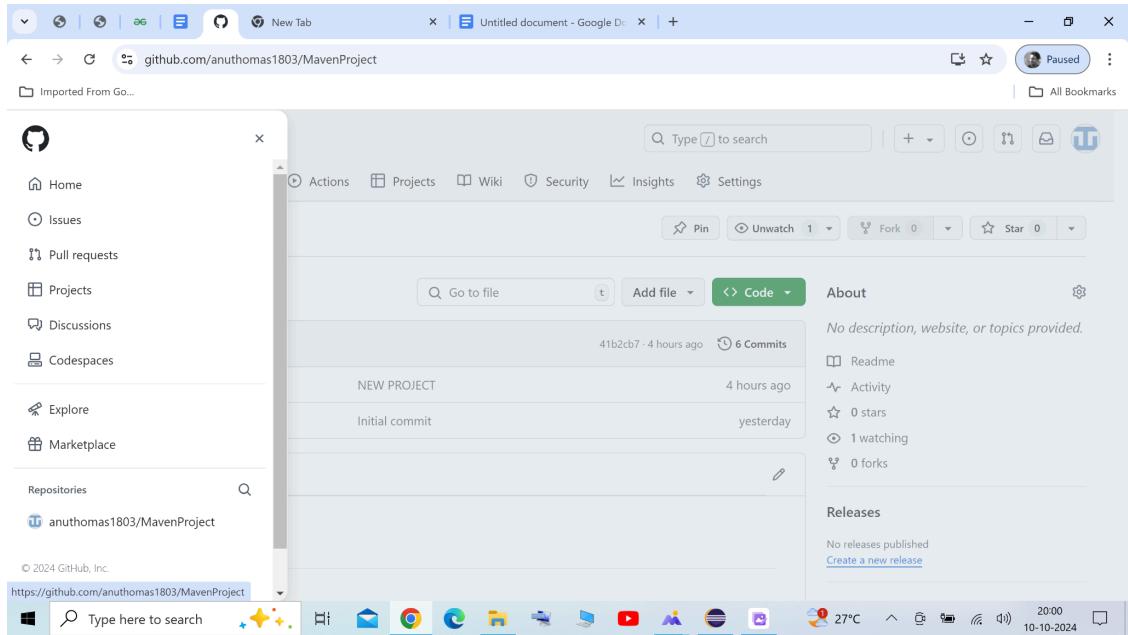


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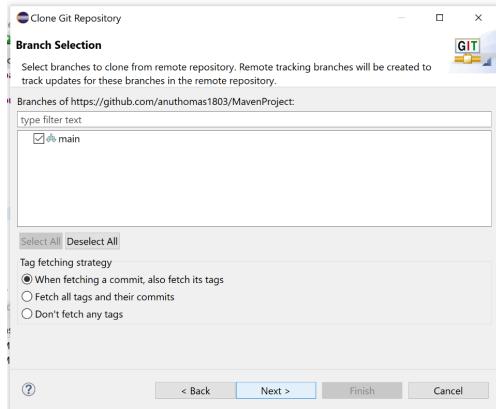
## 5. Now paste the **URI** of the repository in ECLIPSE from the GITHUB

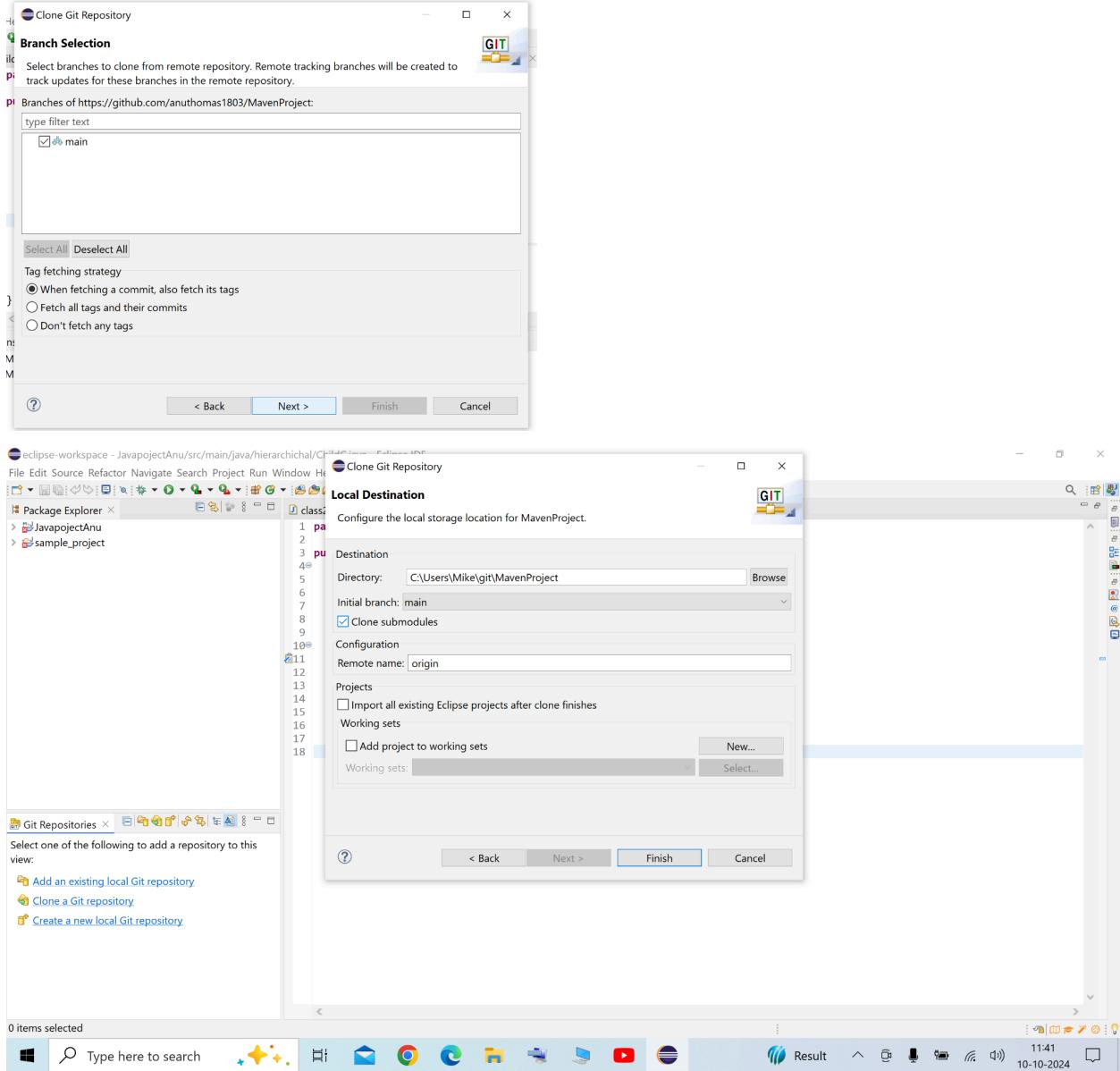


**TO COPY URL:** go to '<https://github.com/anuthomas1803/MavenProject>' and click on **CODE** button(green colour). Copy the code and paste it in the **URI of the 'Source GIT Repository'**.



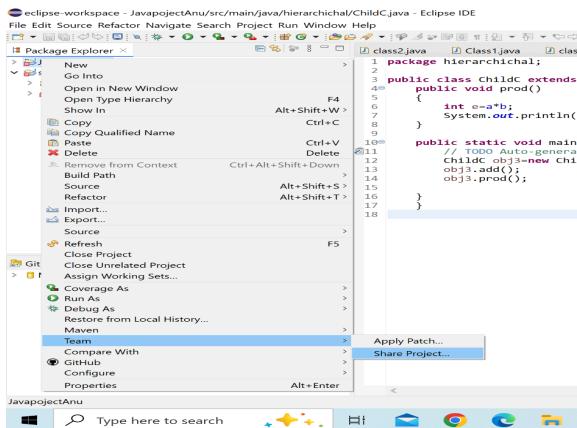
## 6. Check the 'Clone submodules' and Click on **FINISH**.





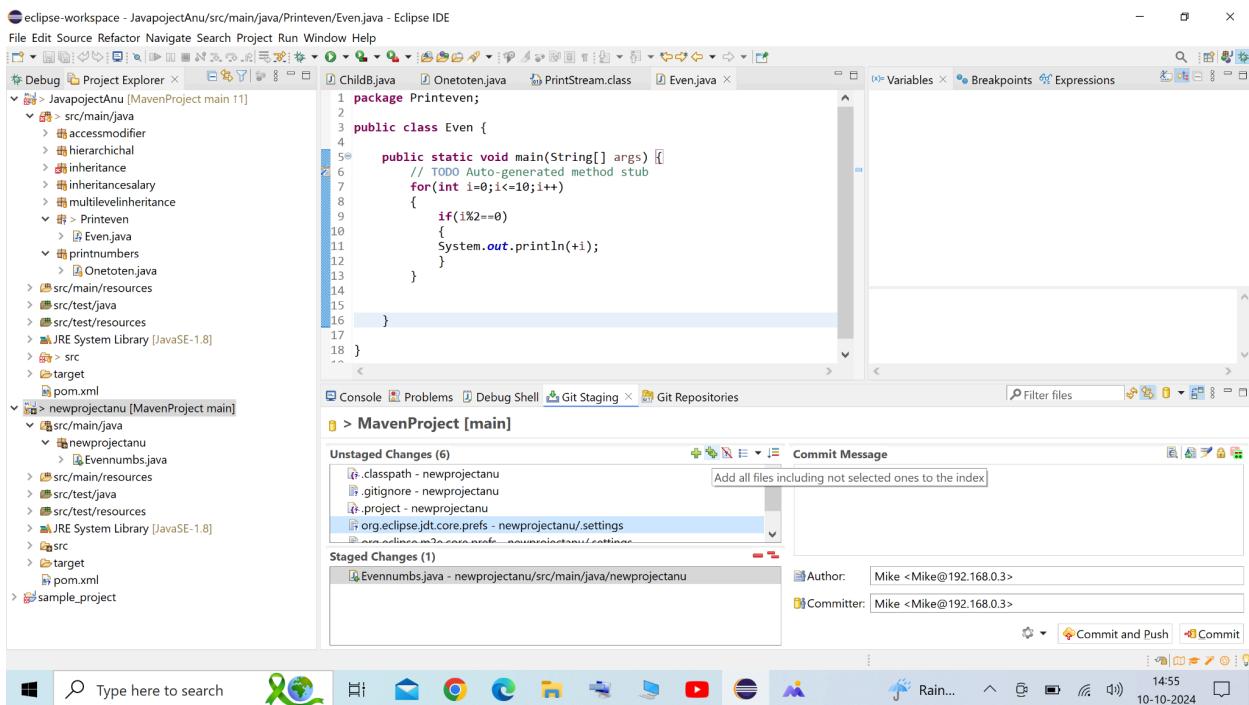
## 2: SHARE PROJECT

2. Project(javaprojectanu) → Team → Share project → Select the repository path from the drop-down list and click on FINISH.



### 3. GIT STAGING

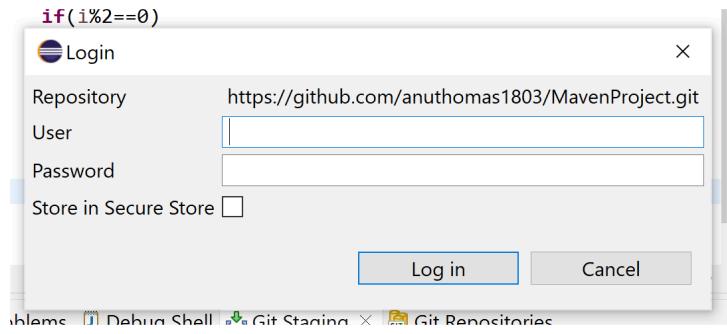
1. Go to windows → Show View → Others → GIT Staging → open
2. Now Click on the **+** button to drag all the files from **UNStaged changes** to **Staged changes**.
3. Enter a Commit message.
4. Finally, Click on the **COMMIT AND PUSH** button



Now a window appears . Enter the username and password

User name of GIT:aanuthomas1803

Password: token (copied in the notepad)



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Go to the GITHub and check for the newly pushed project