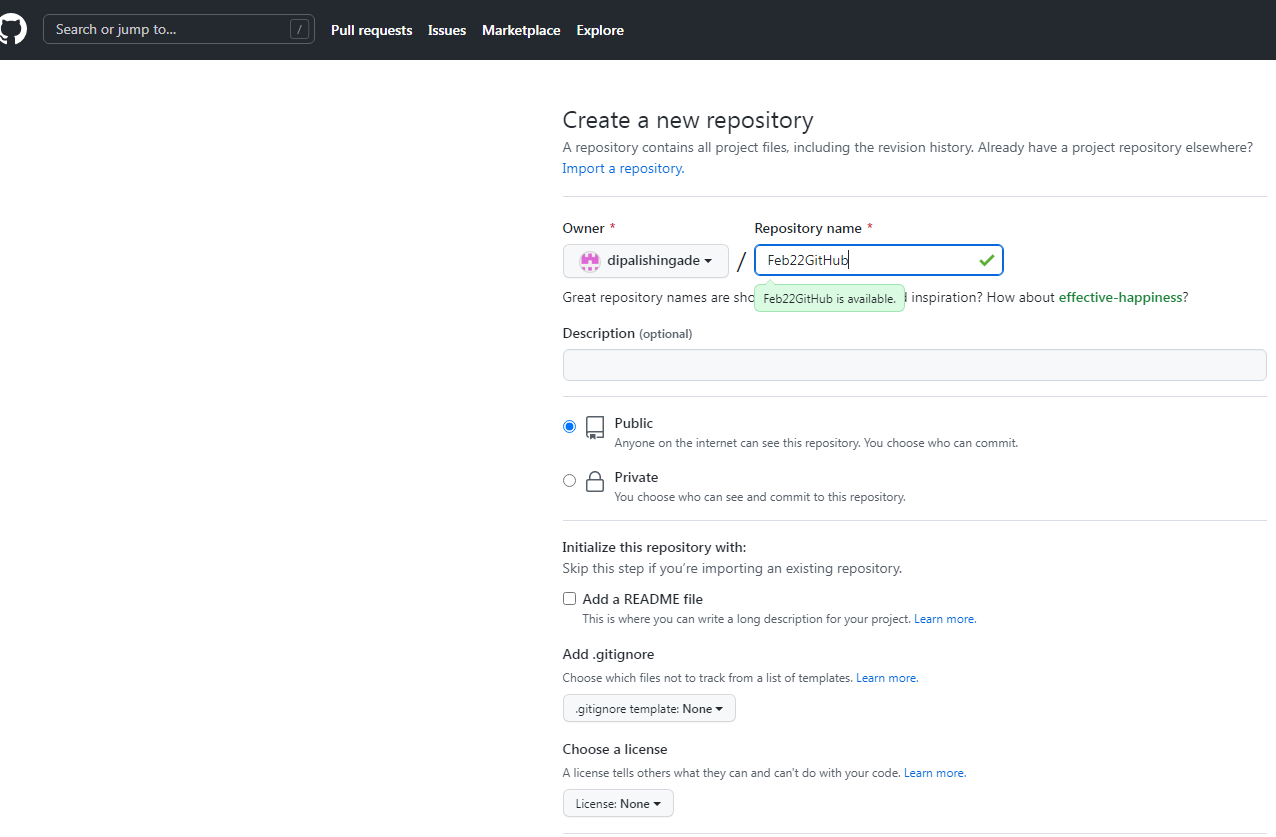
1: Create remote repository:



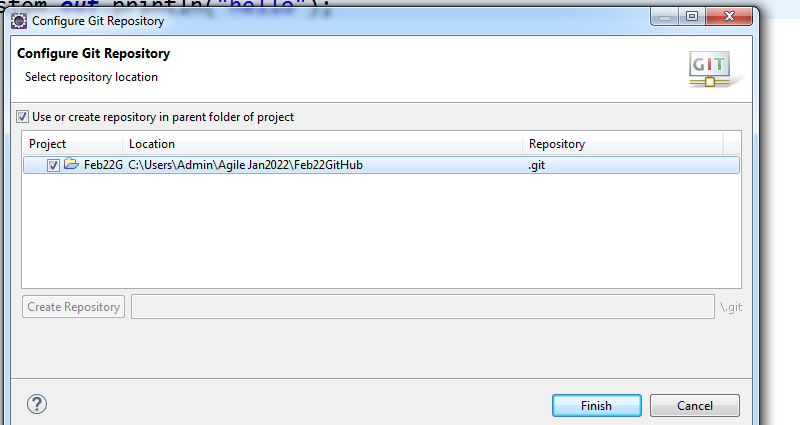
**Create project in eclipse with same name as repository name.**

**1.Create local Repository**

**right click on project-->Team-->Share project--select checkbox-->select checkbox-->Create repository-->Finish**

GitHUb URL- <https://github.com/dipalishingade/Feb22GitHub>

Token: ghp\_49IPnhoFQOnupnw5zFxqlfDG9sJvwS27pOAL

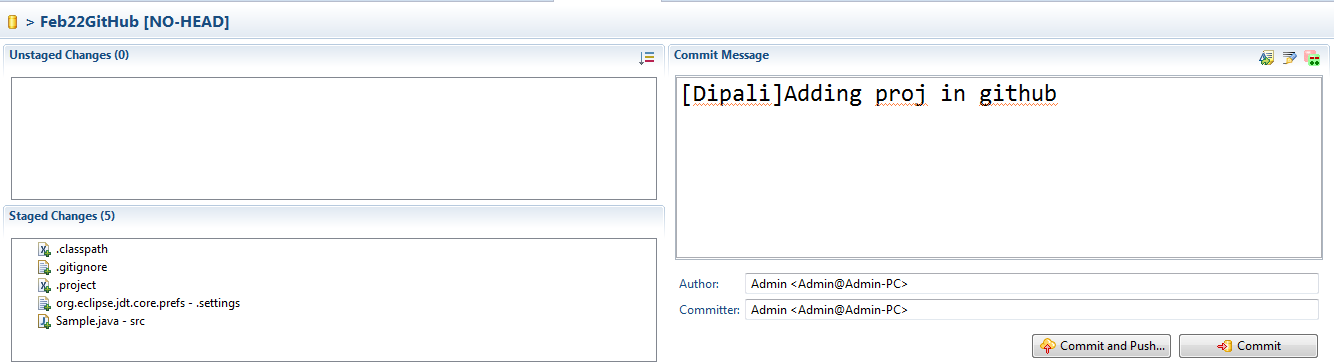


**Click on Create repository. - click on finish**

**2. commit source code from local machine to local repository**

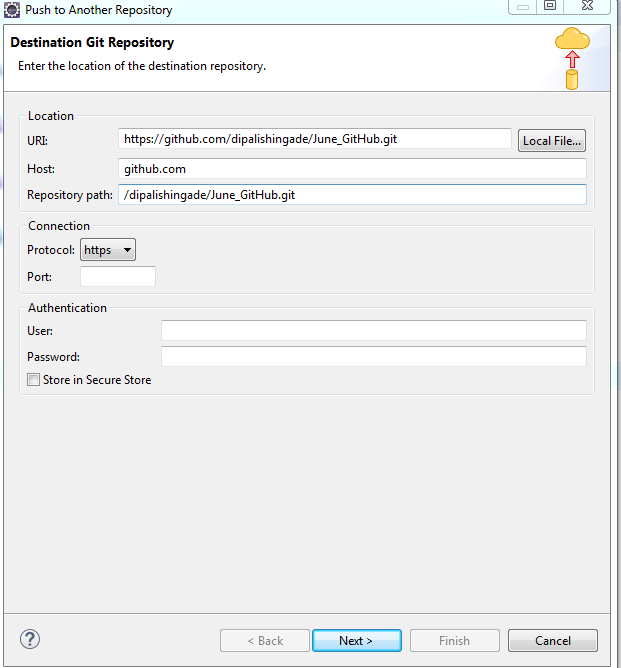
**right click on project-->Team-->Add to index (add source code to staging area)**

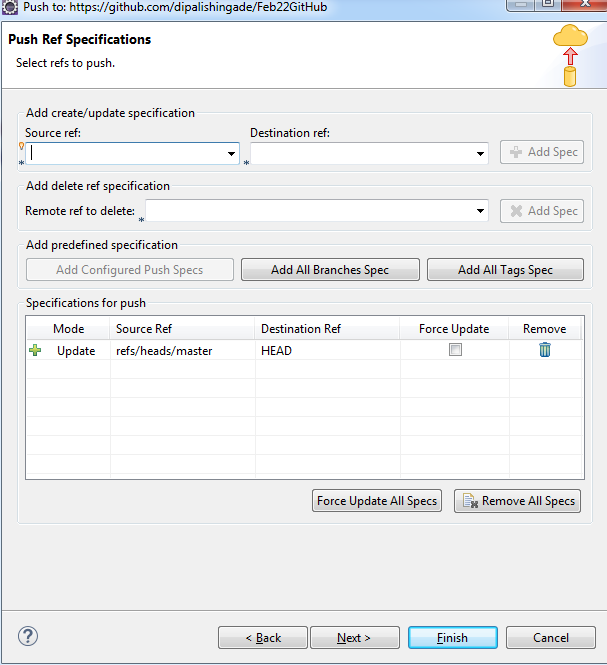
**right click on project-->Team-->Commit--->add commit message-->commit (commit source code form staging area to local repository)**



**3. push source code from local repository(git) to remote repository(bitbucket/github)**

**right click on project-->Team-->remote-->push-->Enter URL--> Enter UN & PWD-->next-->source ref-->master-->add Specification-->finish**

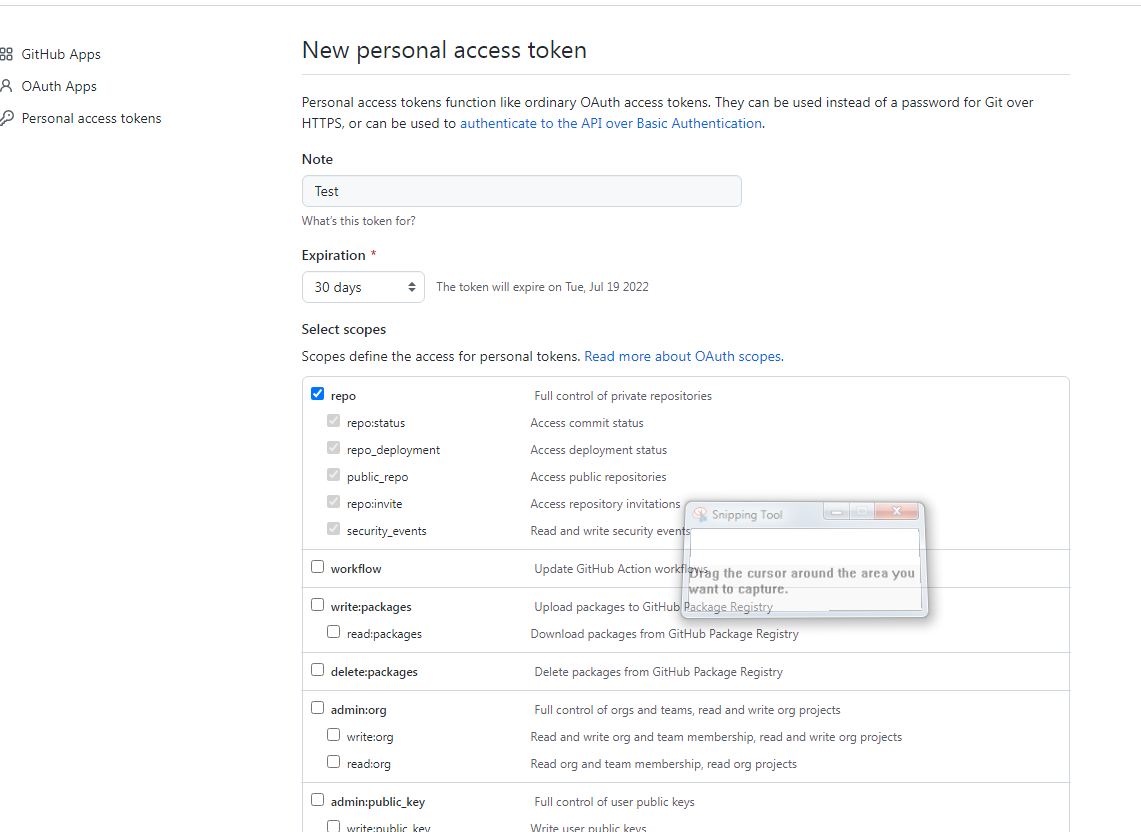




**If password is not working then generate token:**

**Steps to generate token:**

1. login to your GitHub account
2. go to <https://github.com/settings/tokens>
3. click on "Generate new token"
4. make necessary selections (but must select repo)
5. click on "save"
6. System will have a token
7. use this token instead of a password in the eclipse or other tools you are using
8. Now push your code from Github and it will work.

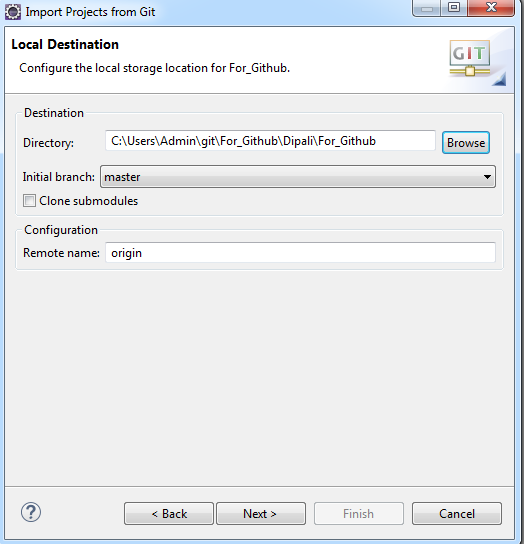


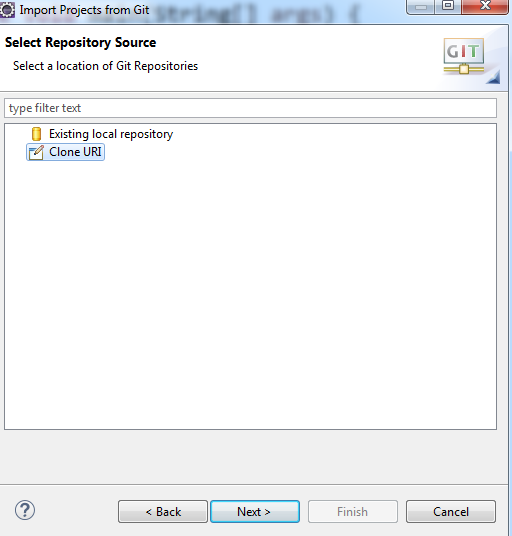
**4.Clone repository**

**//open git repository window--> clone a git repository--> Enter repository URL,UN & Pwd--> Next-->select branch & Next--> Finish**

**File-->import-->Git-->Project from git-->Clone URI-->enter path where u want to download project->next->**

**Path:** **C:\Users\Admin\git\For\_Github\Dipali\For\_Github**





**5.Move Project from local repo to working directory**

**File-->import-->Git-->Project from git-->Existing local repo-->select project-->Finish**

### What is Git?

[Git](https://www.simplilearn.com/tutorials/git-tutorial/what-is-git) is a version control system for tracking changes in computer files and is used to help coordinate work among several people on a project while tracking progress over time. In other words, it’s a tool that facilitates source code management in software development.

### 2. What do you understand by the term ‘Version Control System’?

A version control system (VCS) records all the changes made to a file or set of data, so a specific version may be called later if needed.

This helps ensure that all team members are working on the latest version of the file



Git:: Distributed version control system.

// software configuration management

// source code management

Github and Bitbucket

Version control: it means record the changes in source code.

Types of version control System(VCS):

1. Centralized

Ex: **SVN** is the centralized version control system

1. Distributed

EX: **git** is distributed version control system.

Cone the complete repository onto the local machine and we can work there.

On git the things are store in snapshot.

