Code Repository Tool(Version Managemenet):-

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To develope app. we write different

types of files in projects (like java,

xml,jsp etc..). All these files are

stored finally in a central server

ie Code Repository. It maintains the

details of code. like

> How many times code is modified?

> Who modified what code(+/-

added/removed)

> Changes done on what date and time?

Maintaining these details is known as

Version Management/Version Control.

\*)In developement mostly used tool is

GIT(gitHub).

\*)It maintains two level repository

process for cross verify and commit.

\*)For this we need to create an account

in github.com(using email id and

verify email after creation).

\*)It maintains staging area to select

/verify/comment the file while adding

to local repository.

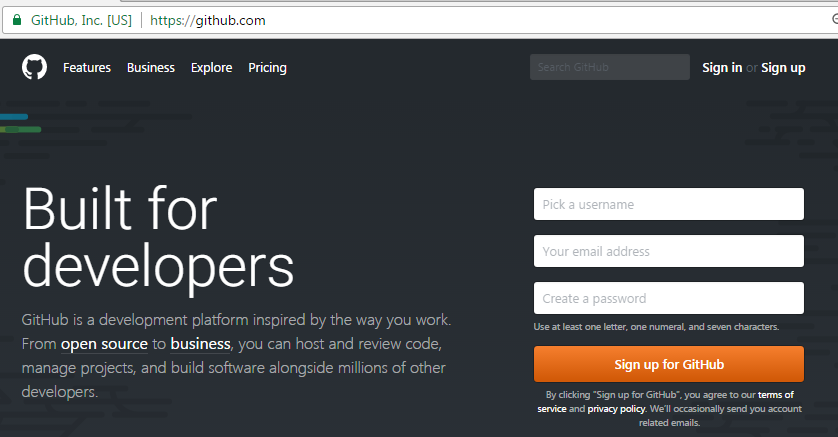
\*)Git Process:-

Git Repository Types:-

Public : Free for every one

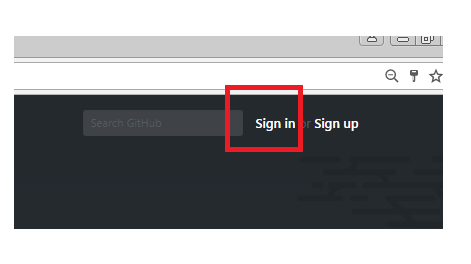
Private : Paid version.

<https://github.com/>

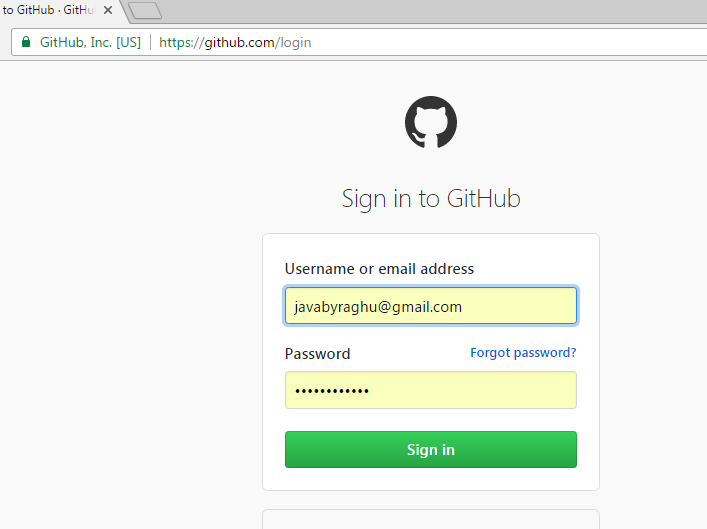


Goto email account and click on verify link.

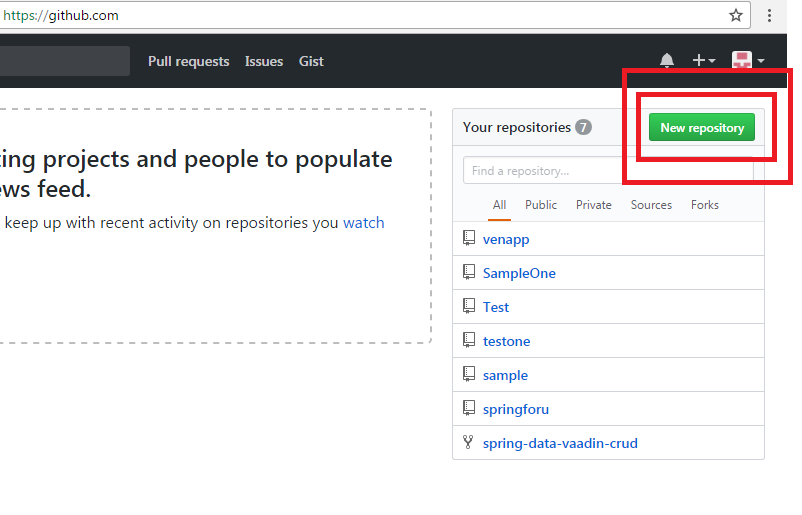
Click on signin



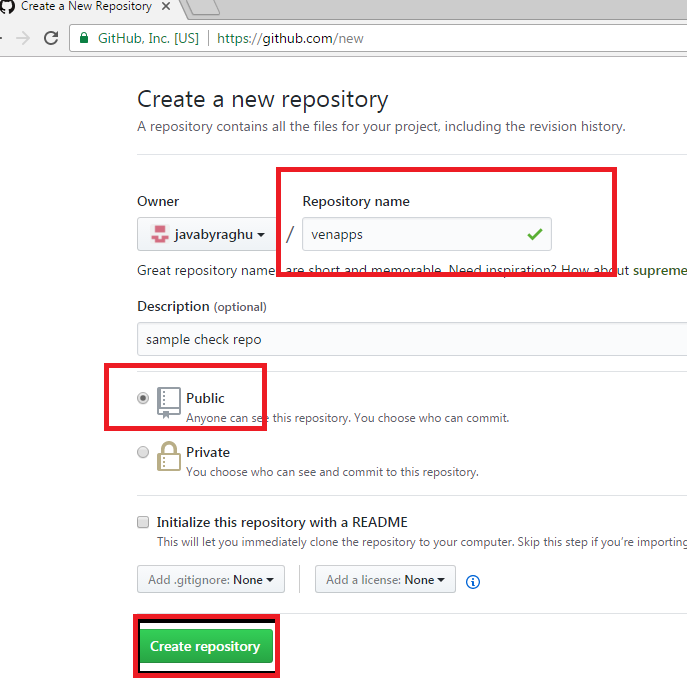
Enter un,pwd



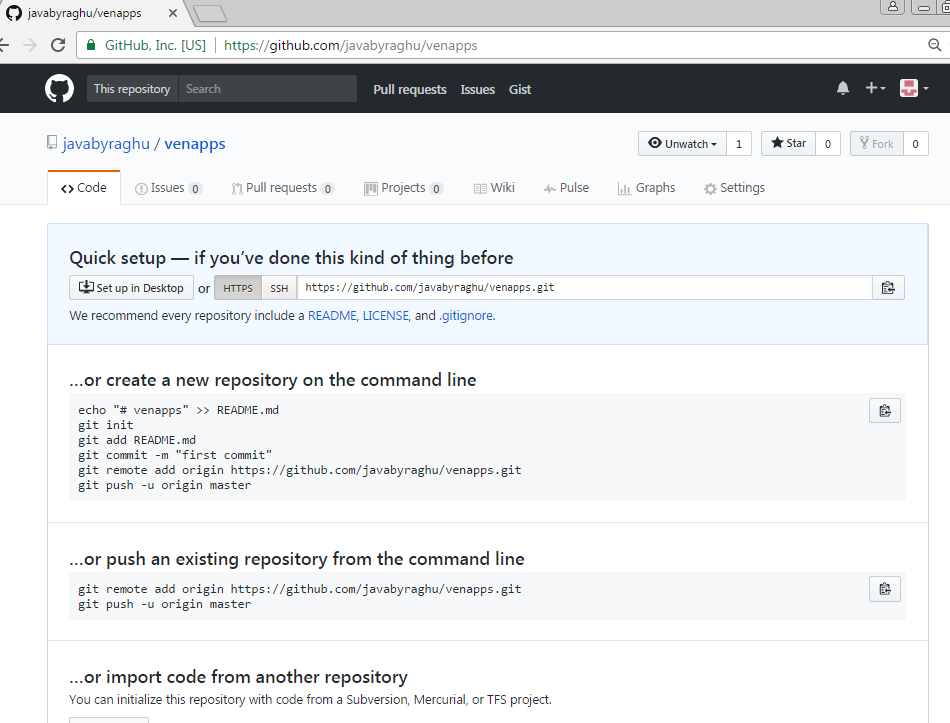
Click on new Repository

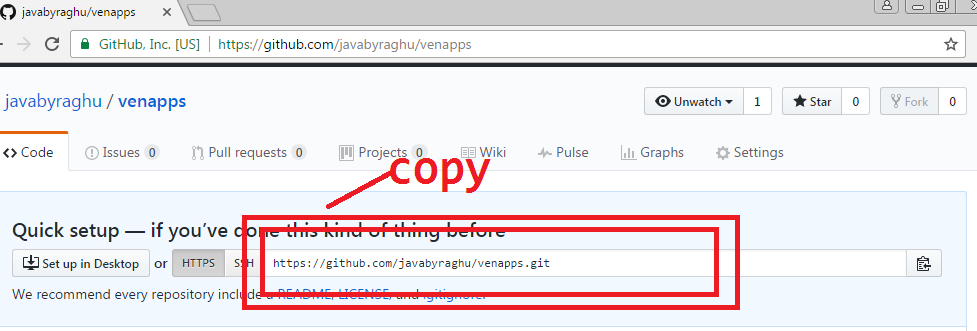


Provide Repository Details



On click create repository





Ex : (Repository Link)

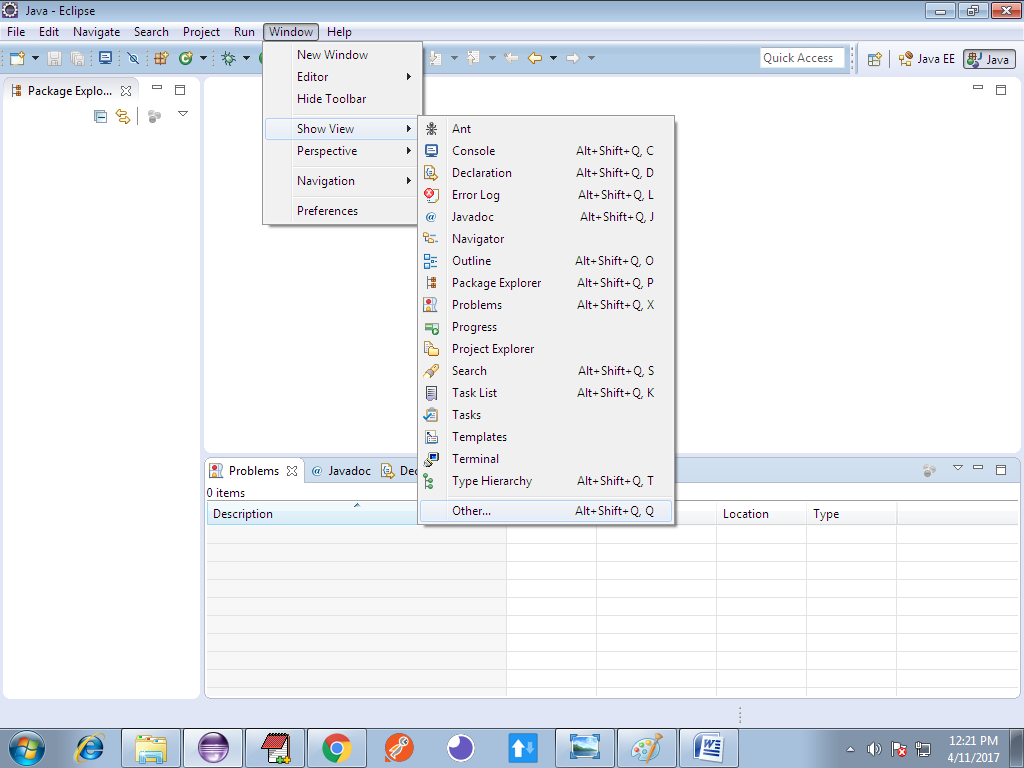
<https://github.com/javabyraghu/venapps.git>

Got Eclipse:

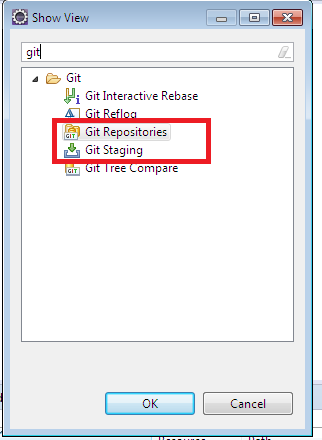
* Create A new Java Project **(project name and repository name**

**Should be same )**

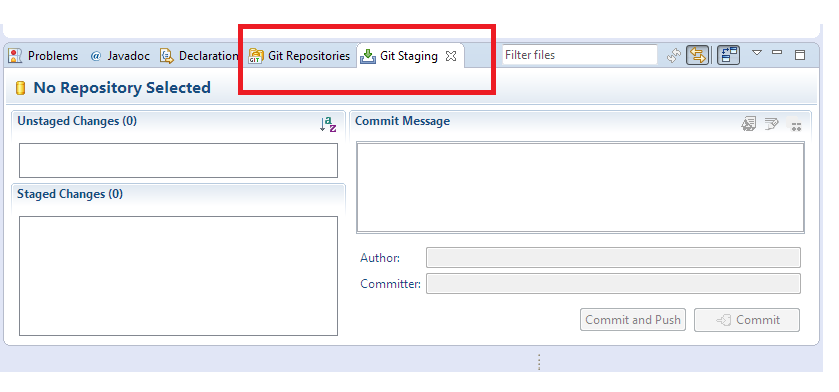
* Add Git Views



Serach with Git, select Git Repository, Staging

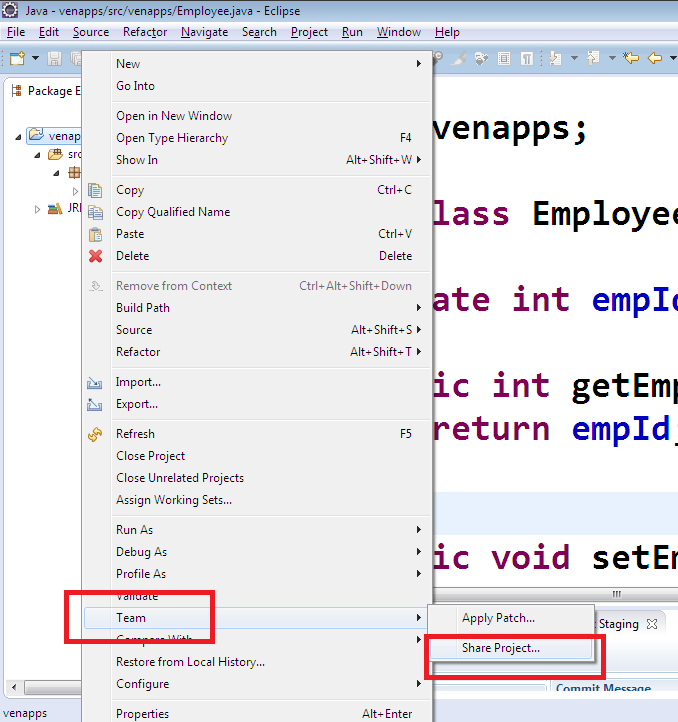


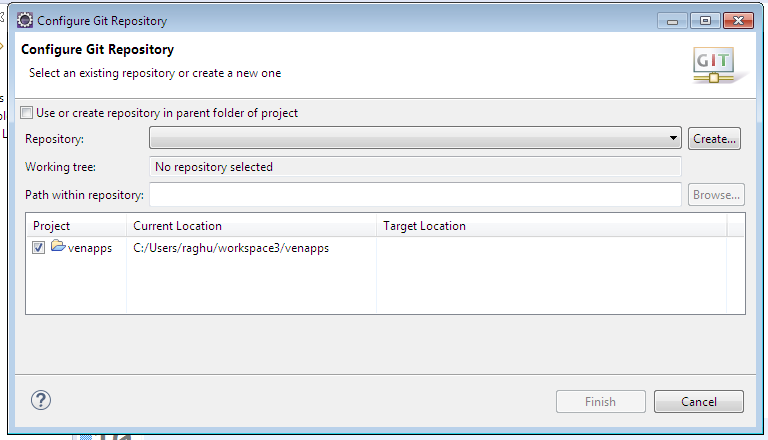
Observer options like



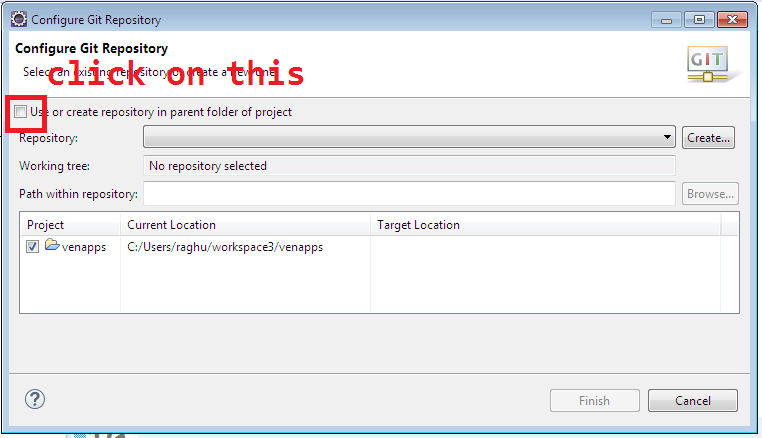
After writing of some code ex: Employee.java

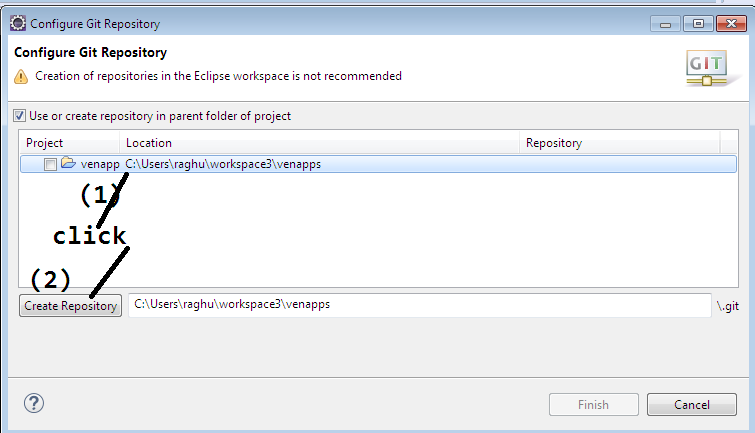
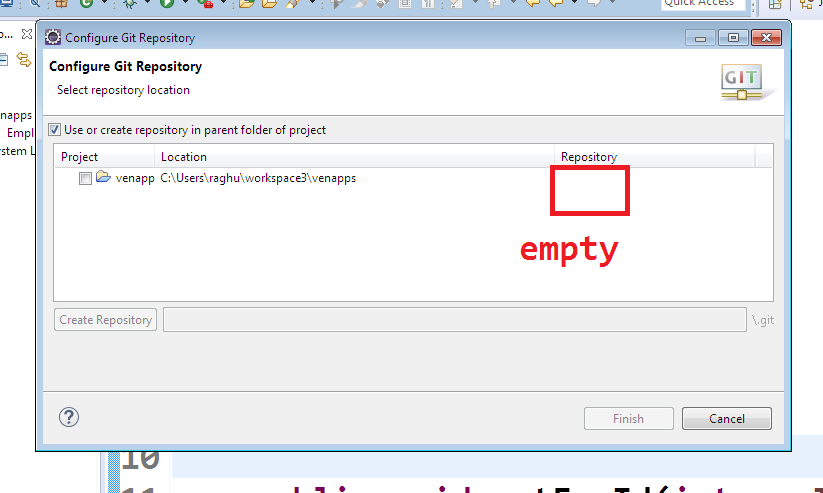
>right click on project > tem > share project

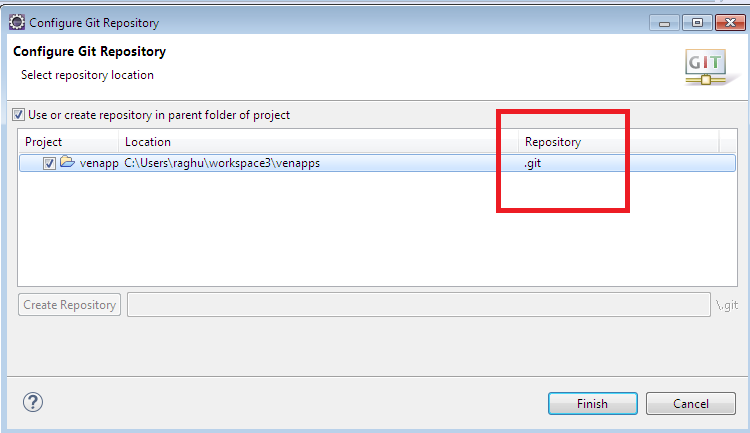
looks as below:



Click on check box:

looks as below:

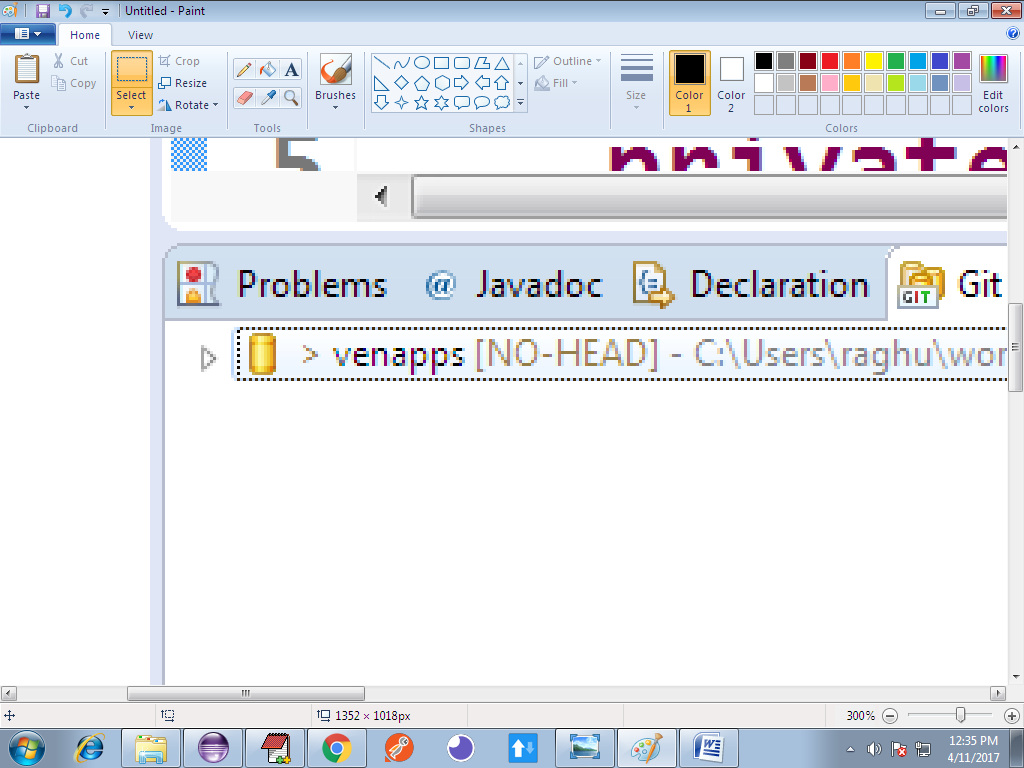
then observe repository name:

click on finish.

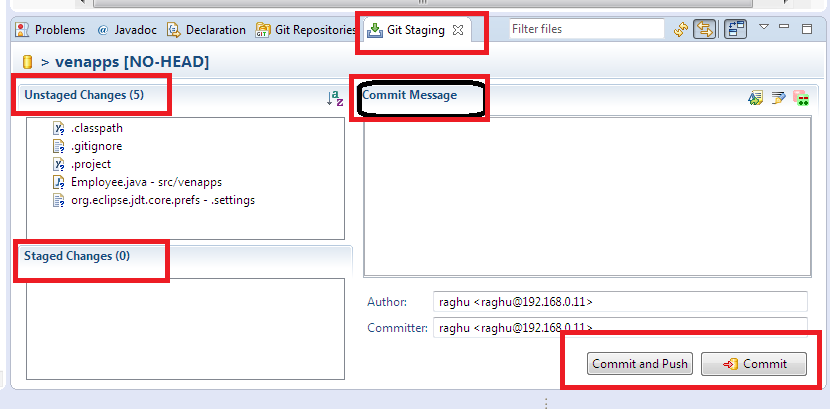
By this we created local and remote repositories.

Now link local and remote, using firsh commit and push.

Come to git repositoes



In staging are:



1)Unstaged changes : files which are not ready to send to local

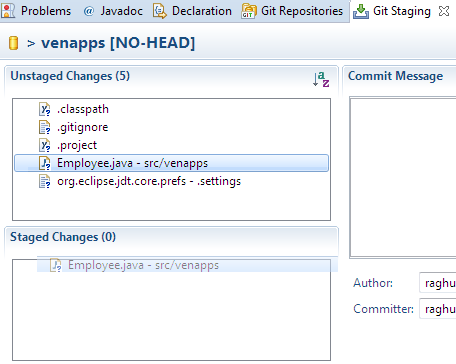
2)staged chages: file which needs to move to local/remote

3)commit message: what is the purpose specify here as message for sending of this code.

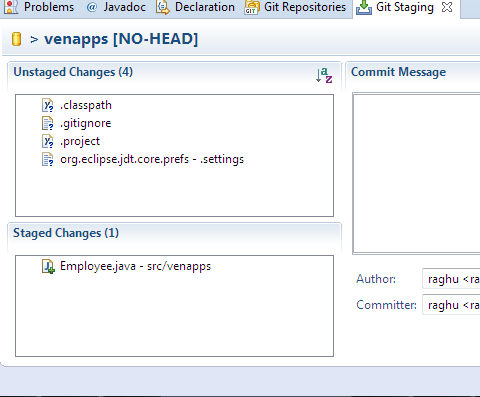
4) click commit/ commit & push to send the code.

\*)Click on a file in unstage drag and drop into stage.

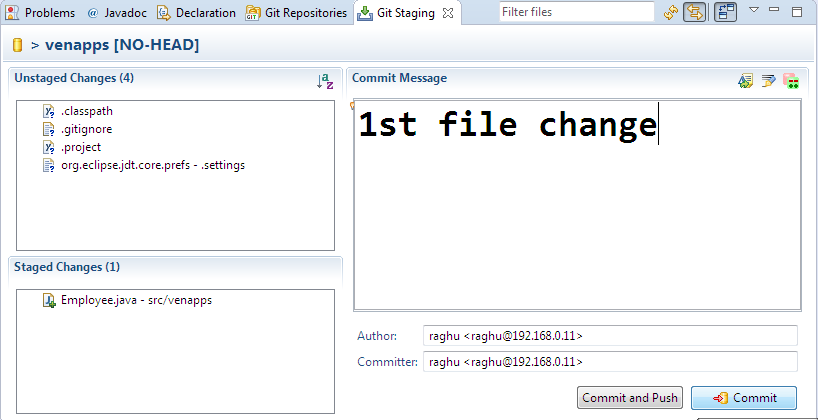
Click and Drag:



After drop

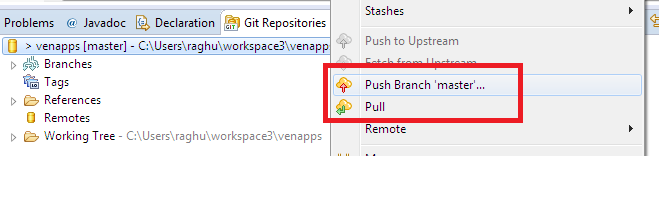


Enter commit message



And click on commit

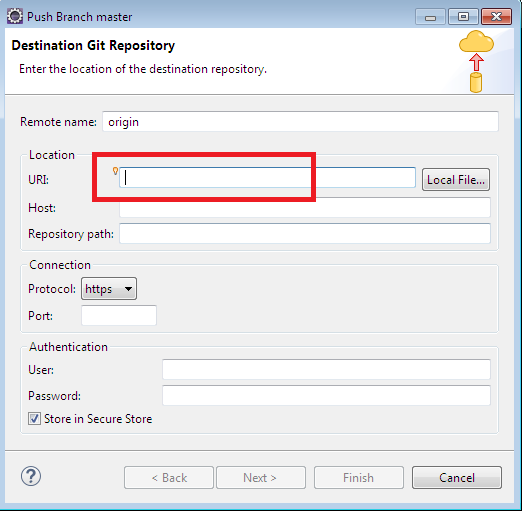
In GitRepository , right click on projectName>choose Push Branch master

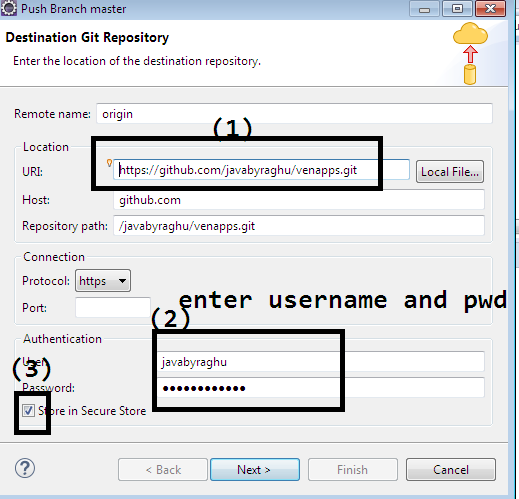


After Push option one screen looks below, there enter URI

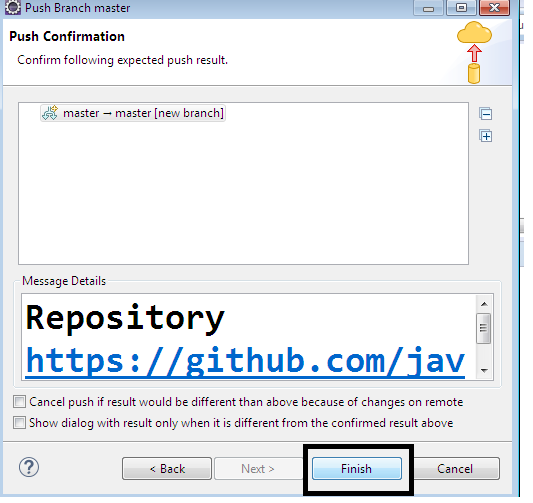
(Repository link)

Ex: <https://github.com/javabyraghu/venapps.git>

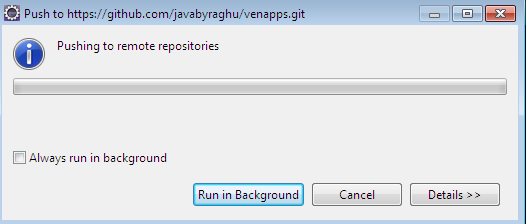




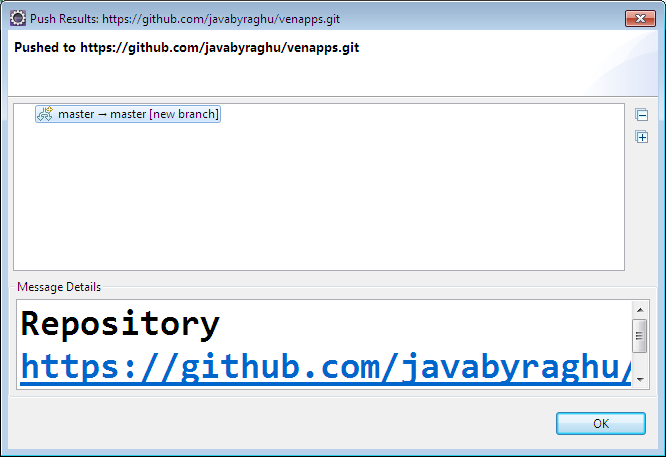
Click on next>next>finish



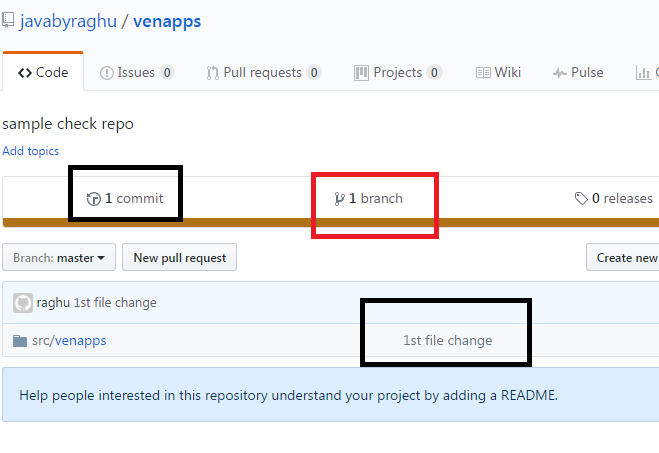
Shows as below:



On success:



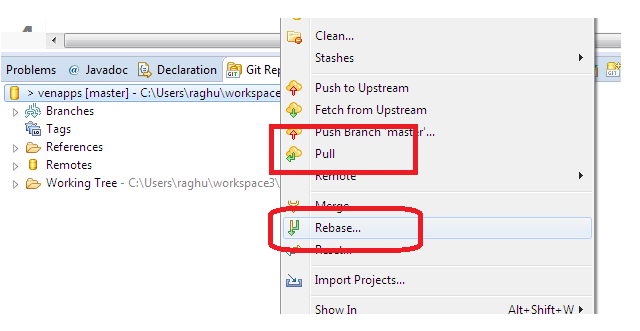
Come back to browser and refresh:



Click on src/venapp>Employee.java

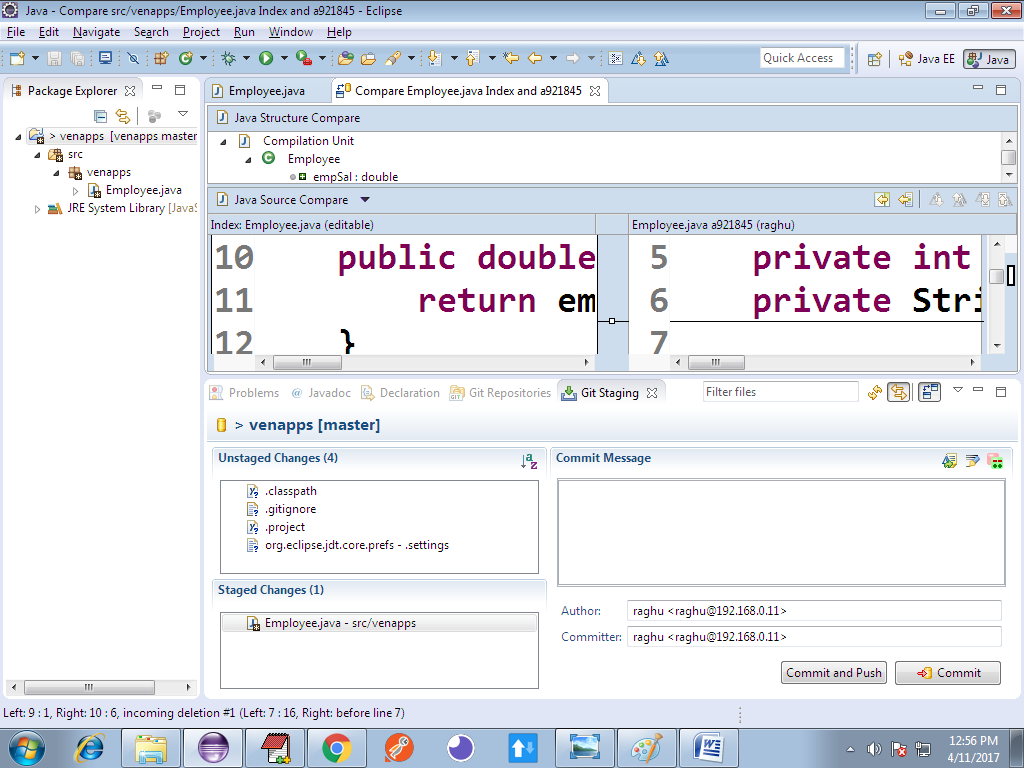


Right click on project: pull and then rebase for other update:



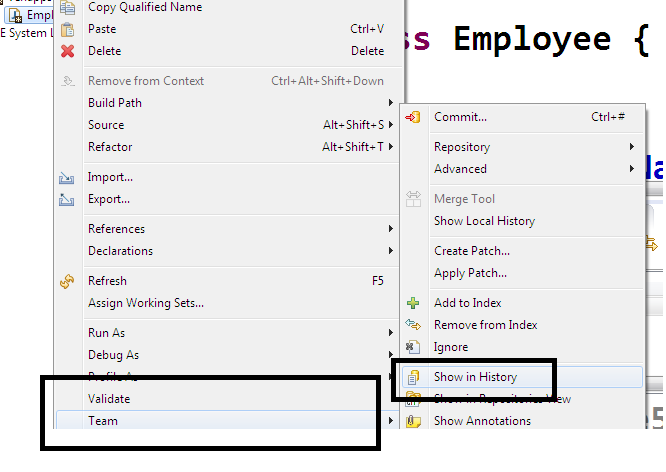
\*\*\*)After Ading file to staging ,double click on that to comapre with

Old one (previous one)looks as :



To see history:

Right click on File (ex: Employee.java)> Team>Showin History



View history:

