UNIVERSITY WITH A PURPOSE

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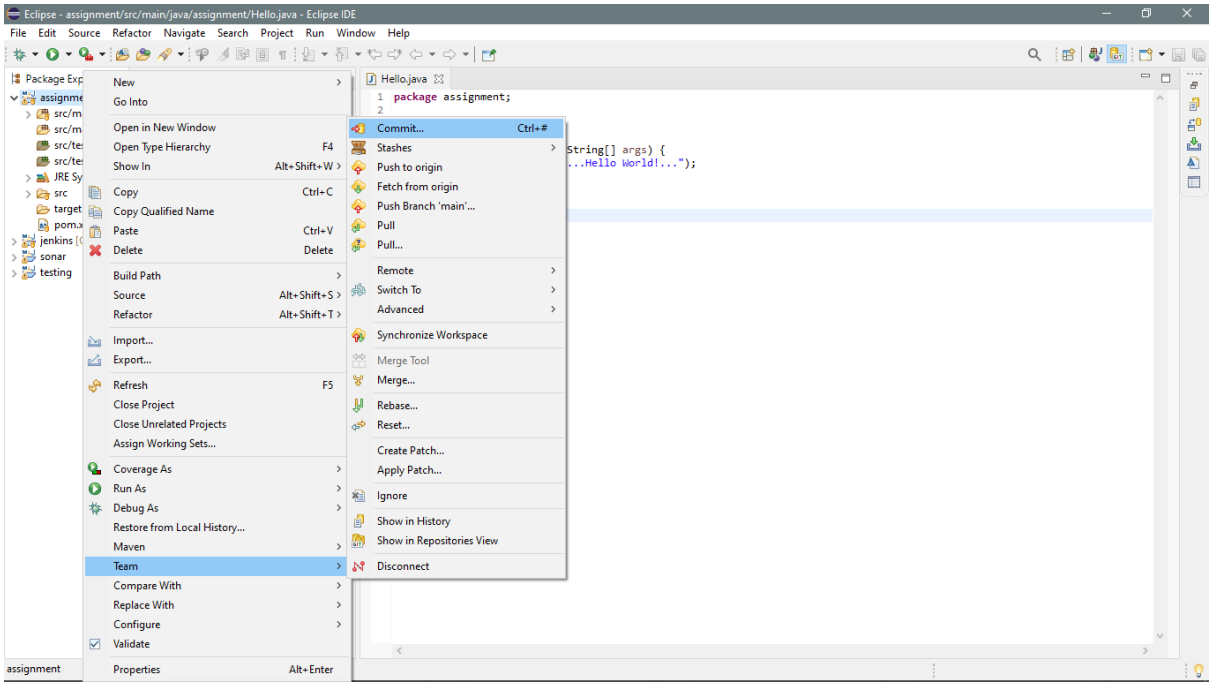
CICD ASSIGNMENT2

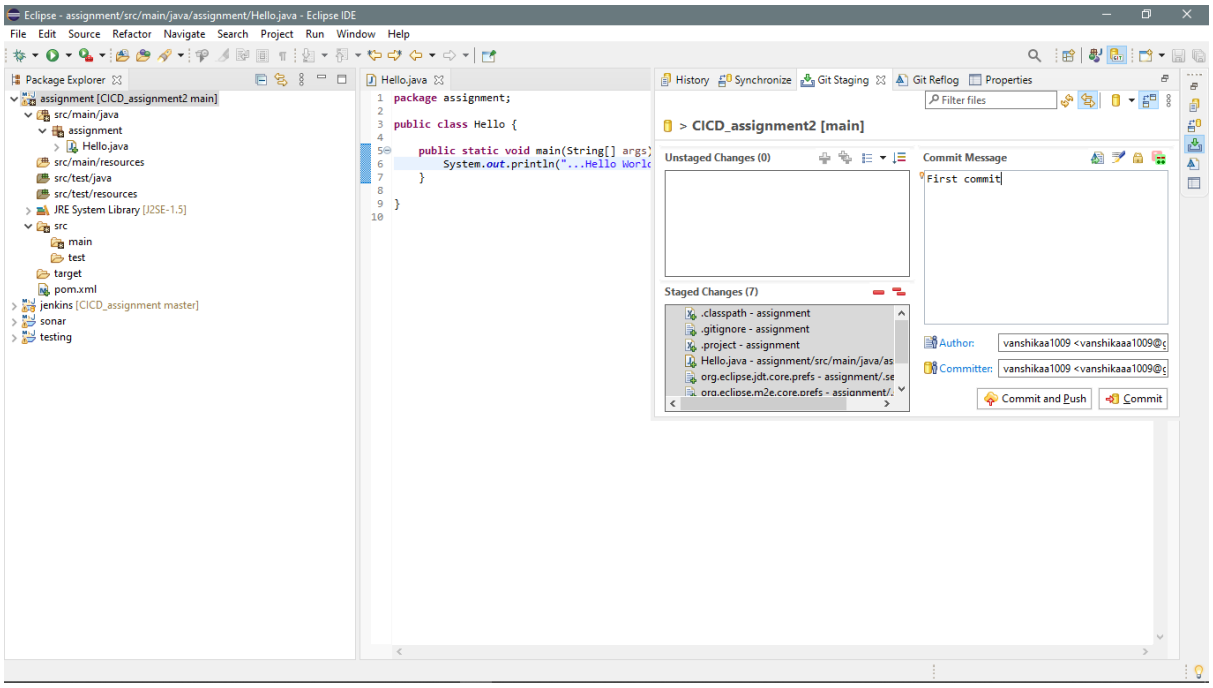
Step1: Create a repository on github.

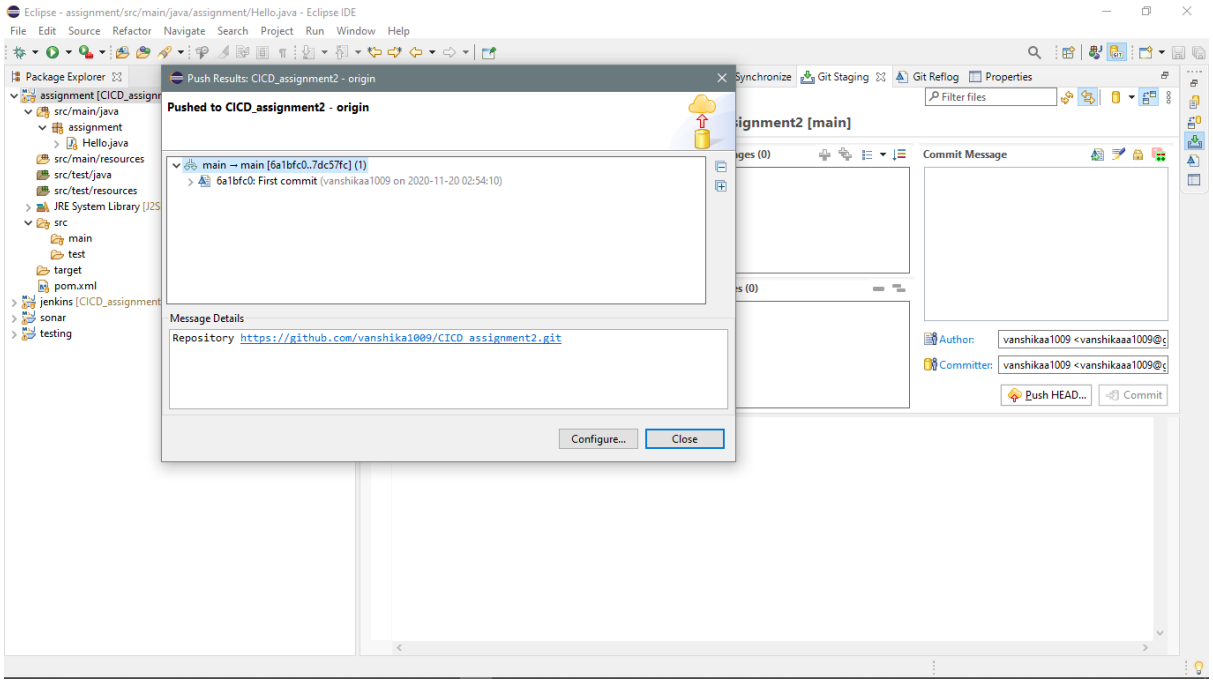
Step2: Clone this repo on eclipse by going to top-right corner to the perspective button and register your github account and clone the particular repository by adding its url.

Step3: Make the necessary changes by making a maven project. Create a class.

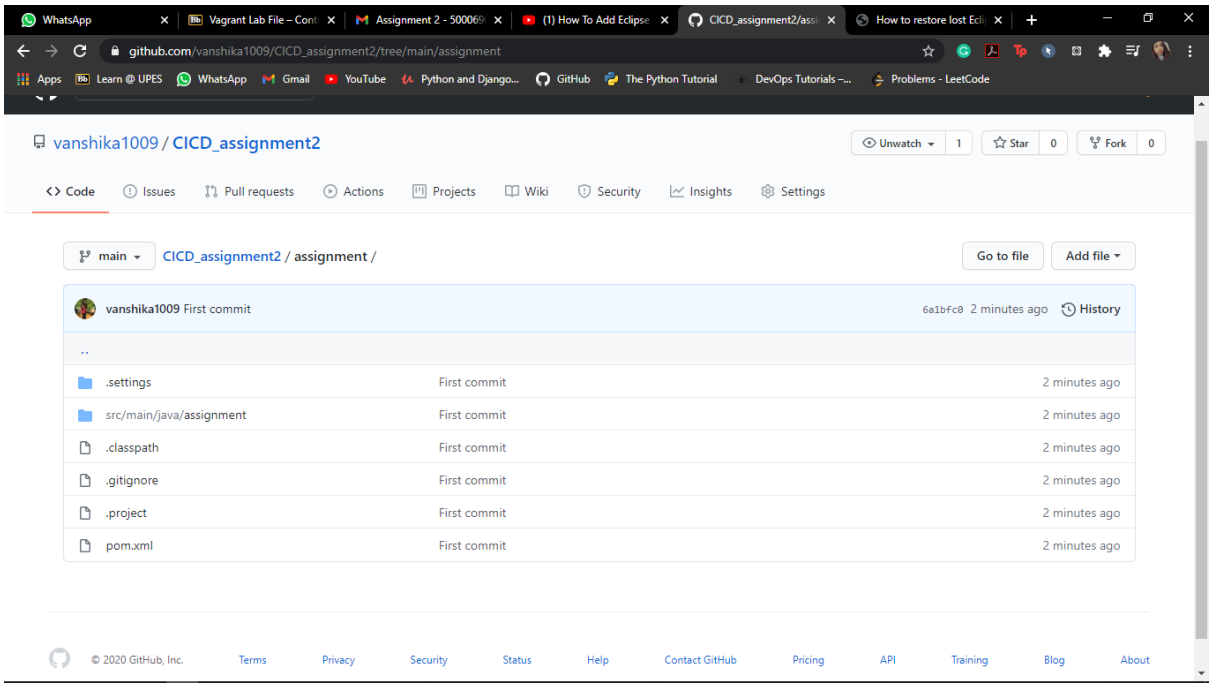
Step4: Go to project and right click on it. Go to Team>>Commit as shown in the picture.


Eclipse - assignment/src/main/java/assignment/Hello.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Exp
assignme
src/m
src/m
src/te
src/te
JRE Sy
src
target
pom.x
jenkins
sonar
testing
assignment
Hello.java
1 package assignment;
2
String[] args) {
...Hello World!...");
New
Go Into
Open in New Window
Open Type Hierarchy F4
Show In Alt+Shift+W
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Build Path
Source Alt+Shift+S
Refactor Alt+Shift+T
Import...
Export...
Refresh F5
Close Project
Close Unrelated Projects
Assign Working Sets...
Coverage As
Run As
Debug As
Restore from Local History...
Maven
Team
Compare With
Replace With
Configure
Validate
Properties Alt+Enter
Commit... Ctrl+#
Stashes
Push to origin
Fetch from origin
Push Branch 'main'...
Pull
Pull...
Remote
Switch To
Advanced
Synchronize Workspace
Merge Tool
Merge...
Rebase...
Reset...
Create Patch...
Apply Patch...
Ignore
Show in History
Show in Repositories View
Disconnect


Eclipse - assignment/src/main/java/assignment/Hello.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
assignment [CICD_assignment2 main]
src/main/java
assignment
Hello.java
src/main/resources
src/test/java
src/test/resources
JRE System Library [J2SE-1.5]
src
main
test
target
pom.xml
jenkins [CICD_assignment master]
sonar
testing
Hello.java
1 package assignment;
2
3 public class Hello {
4
5 public static void main(String[] args)
6 System.out.println("...Hello Worl
7 }
8
9 }
10
History Synchronize Git Staging Git Reflog Properties
Filter files
> CICD_assignment2 [main]
Unstaged Changes (0)
Commit Message
First commit
Staged Changes (7)
.classpath - assignment
.gitignore - assignment
.project - assignment
Hello.java - assignment/src/main/java/as
org.eclipse.jdt.core.prefs - assignment/.se
org.eclipse.m2e.core.prefs - assignment/.
Author: vanshikaa1009 <vanshikaaa1009@
Committer: vanshikaa1009 <vanshikaaa1009@
Commit and Push
Commit



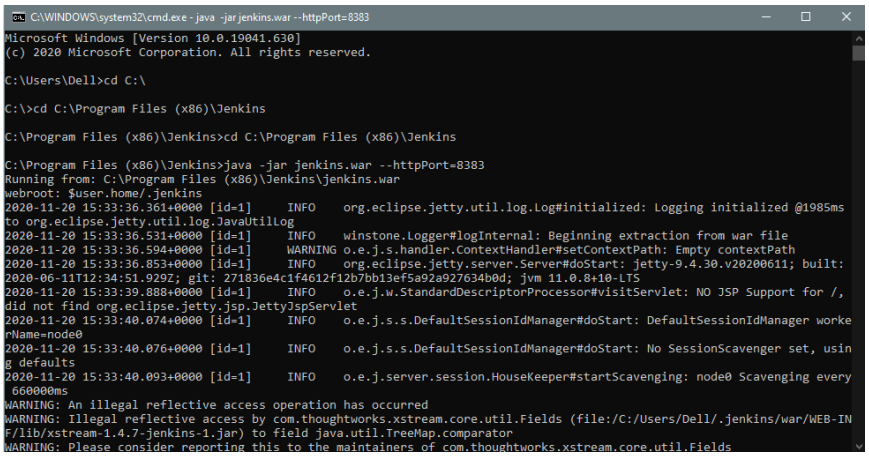
Step5: Reload your github to see the changes.



Step6: open Jenkins

Using the command at the location of your Jenkins

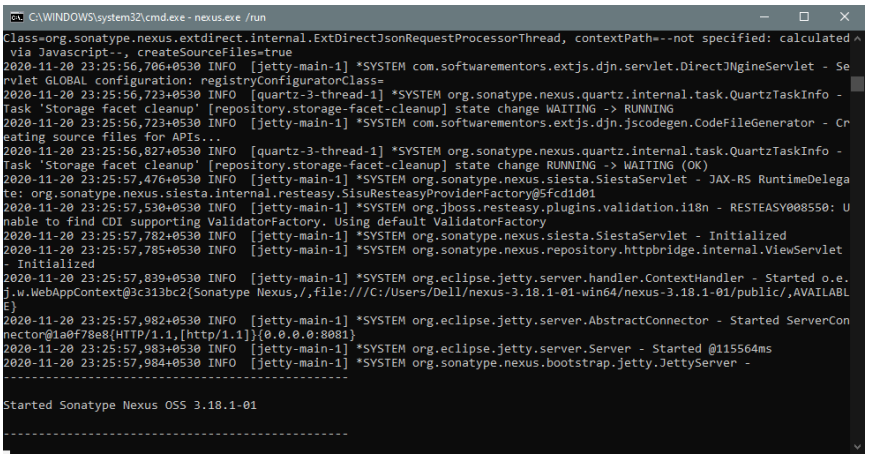
folder java -jar jenkins.war - -httpPort=8383

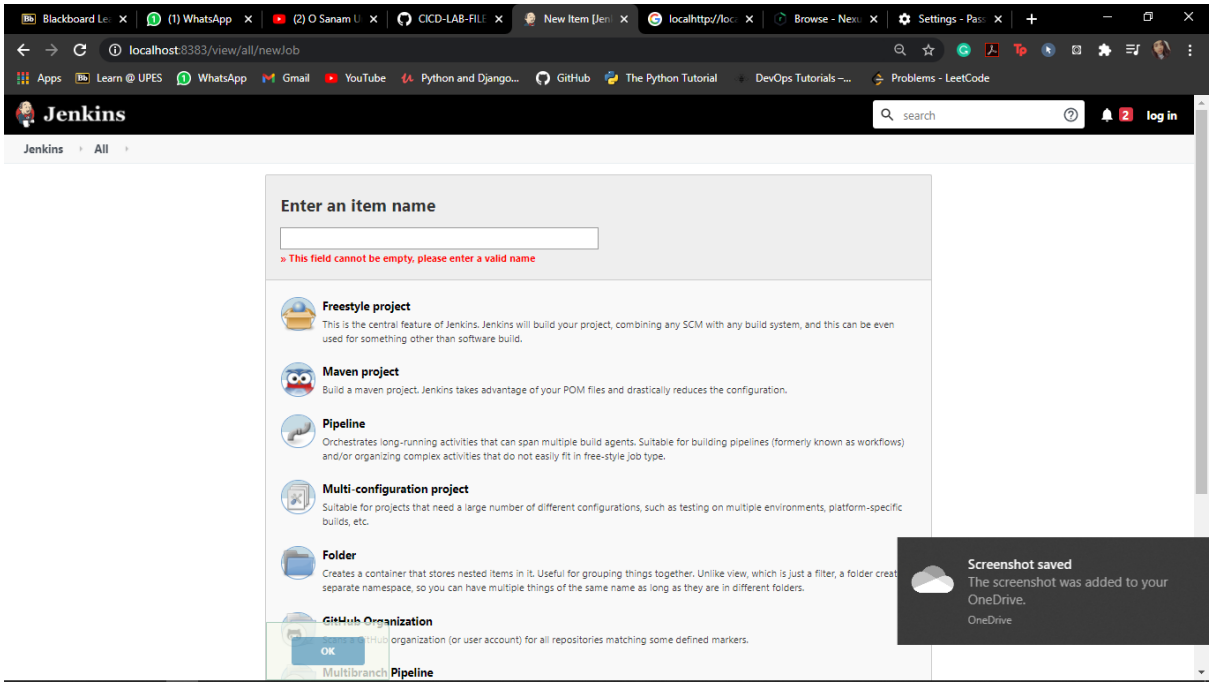


3.1) Step7: **open nexus server**

Using the command at the location of your nexus folder

bin nexus.exe /run

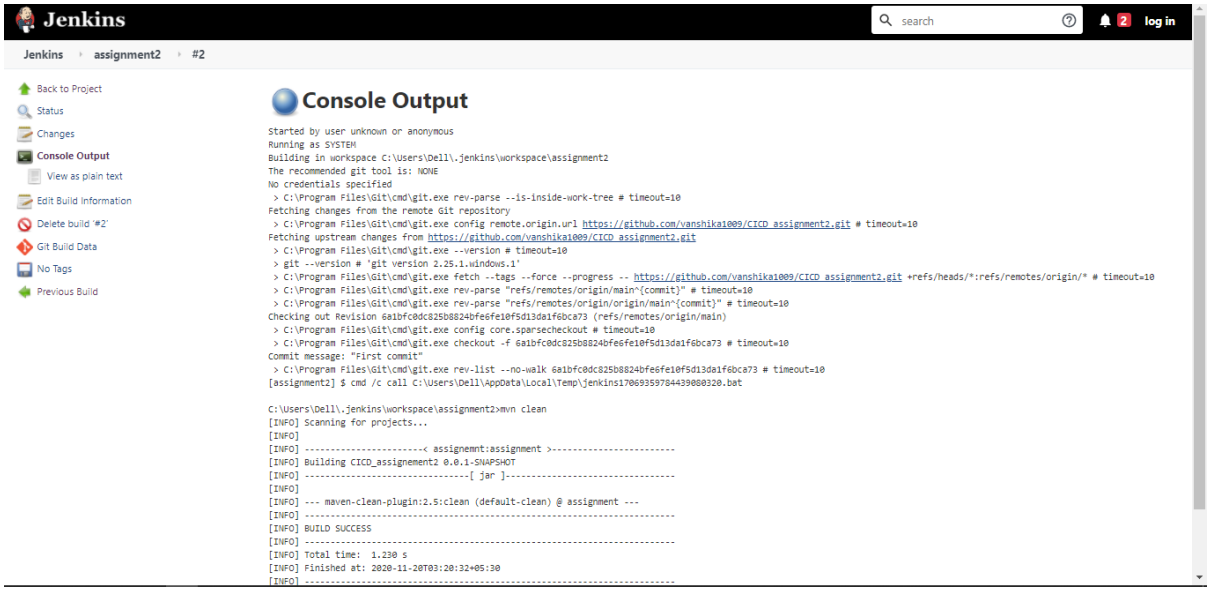




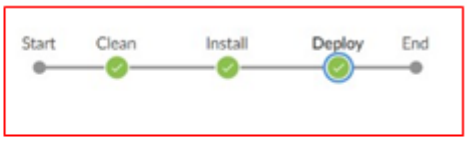
Jenkinsfile:

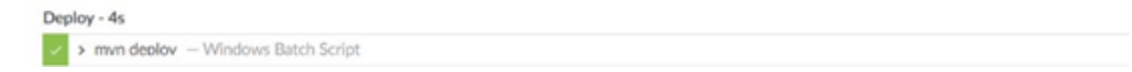
```
pipeline
{
        agent any
        stages
          {
          stage("Clean") {
            steps {
              bat 'mvn clean"
            }
          }
          stage("Install") {
            steps {
              bat 'mvn install"
            }
          }
          stage("Deploy') {
            steps {
              bat 'mvn deploy'
            }
          }
        }

      }
```

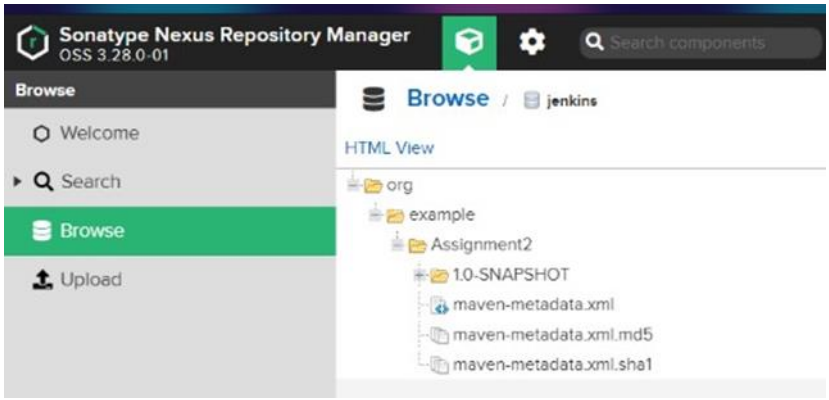
Step8: Give the necessary details about your github repository in the next window



Step9: open your Nexus on your localhost and see the pipeline view.






Sonatype Nexus Repository Manager
OSS 3.28.0-01
Search components
Browse
Welcome
Search
Browse
Upload
Browse / jenkins
HTML View
org
example
Assignment2
1.0-SNAPSHOT
maven-metadata.xml
maven-metadata.xml.md5
maven-metadata.xml.sha1