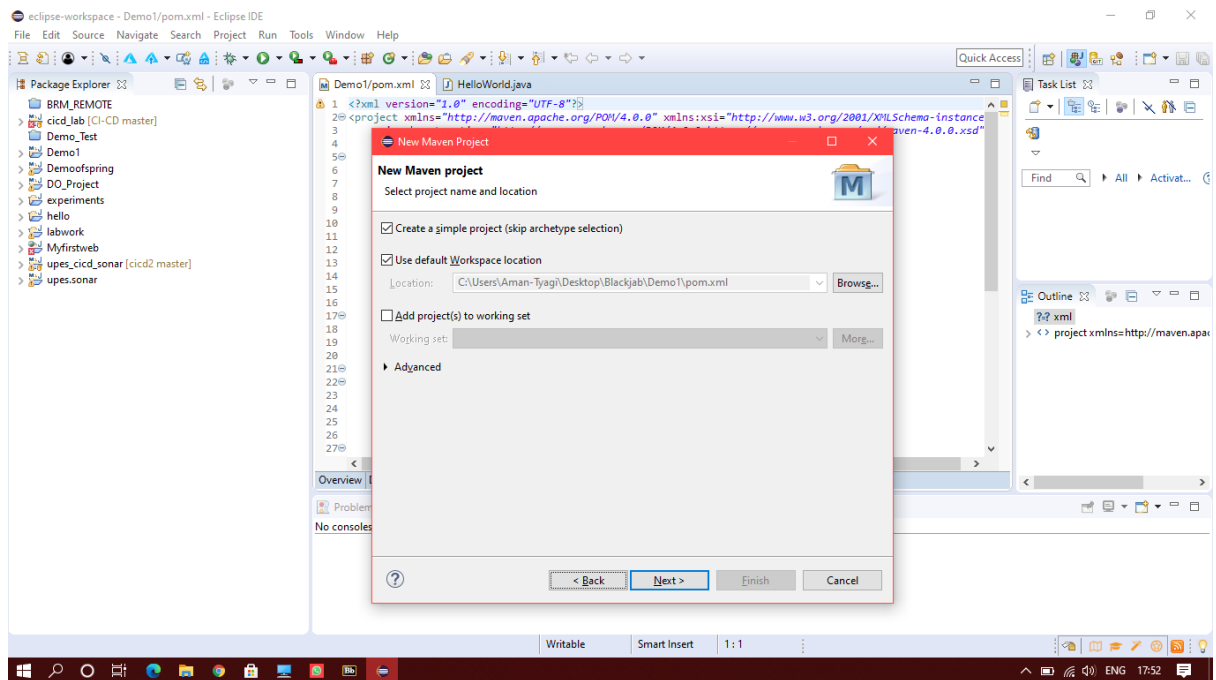


## CI CD ASSIGNMENT – 2

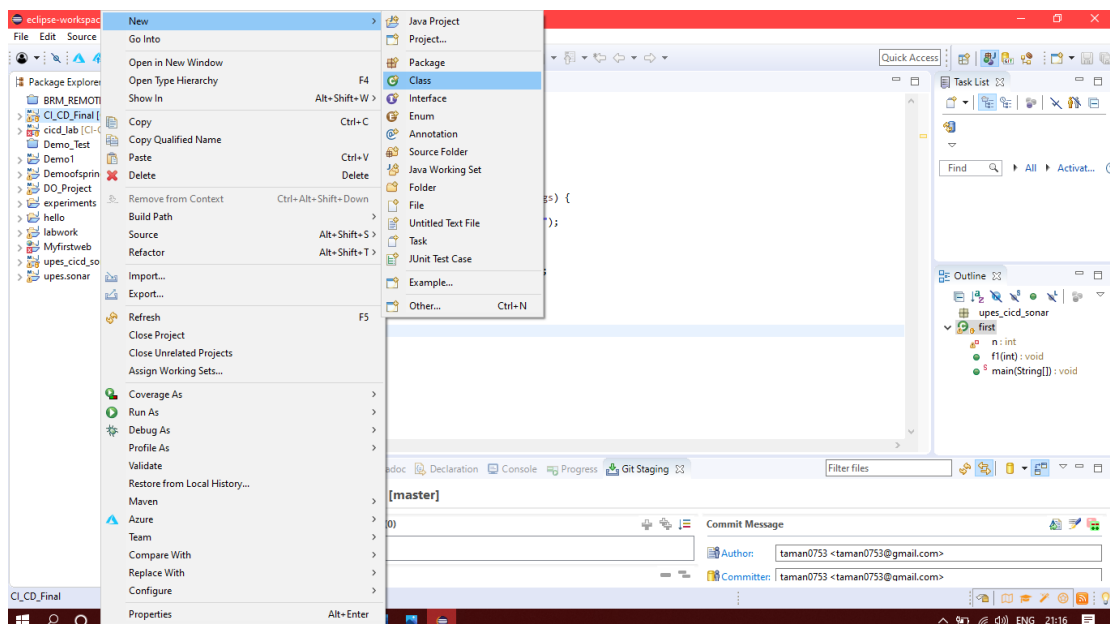
BY: AMAN TYAGI

SAP ID: 500069023

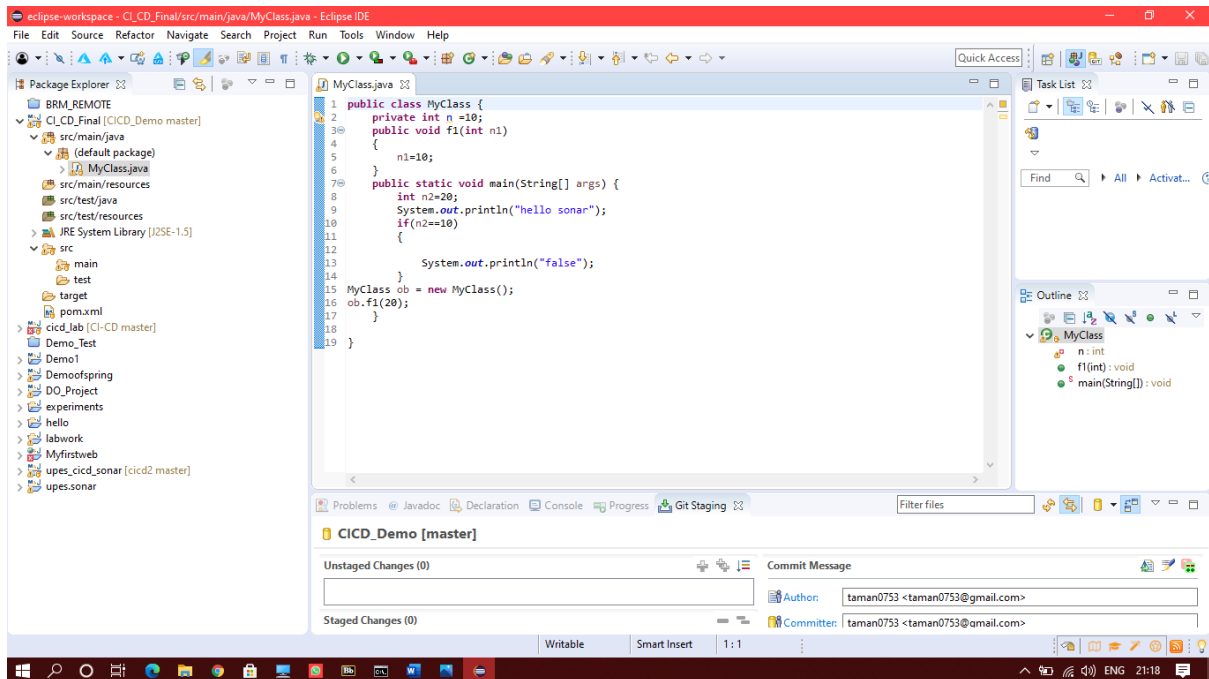
### 1) Create a new Maven Project using Eclipse IDE



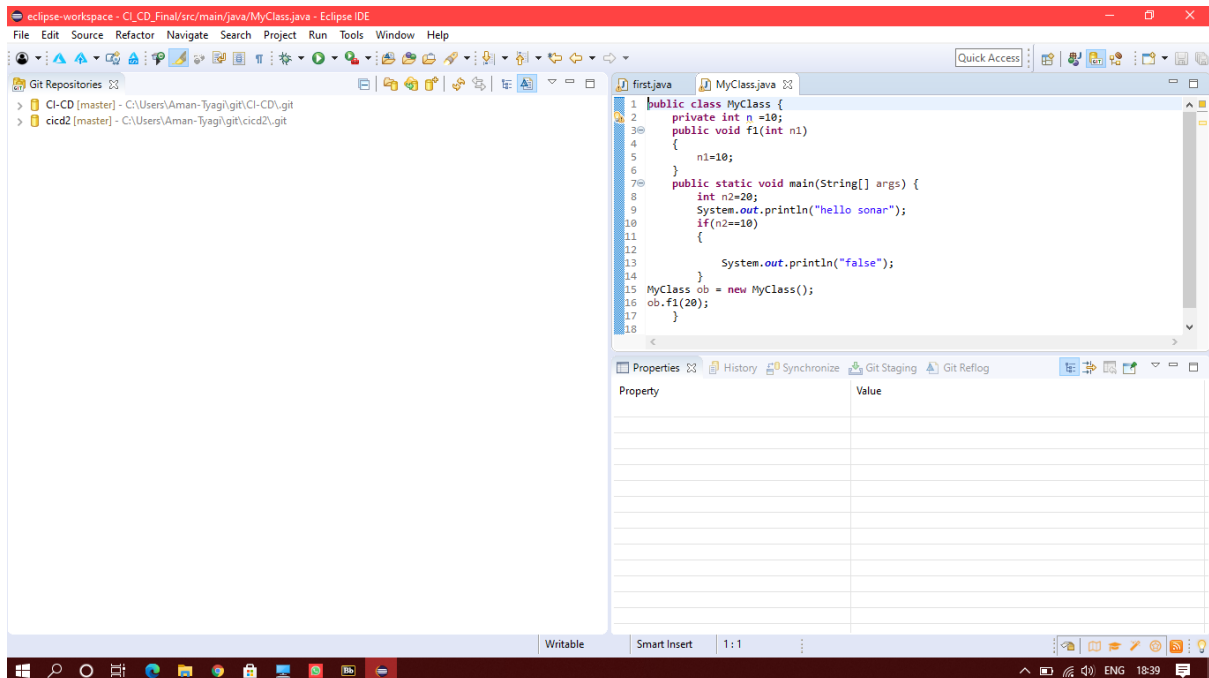
### 2) Add a new class to the project. To do so, right click on the project then click on New and then Class.



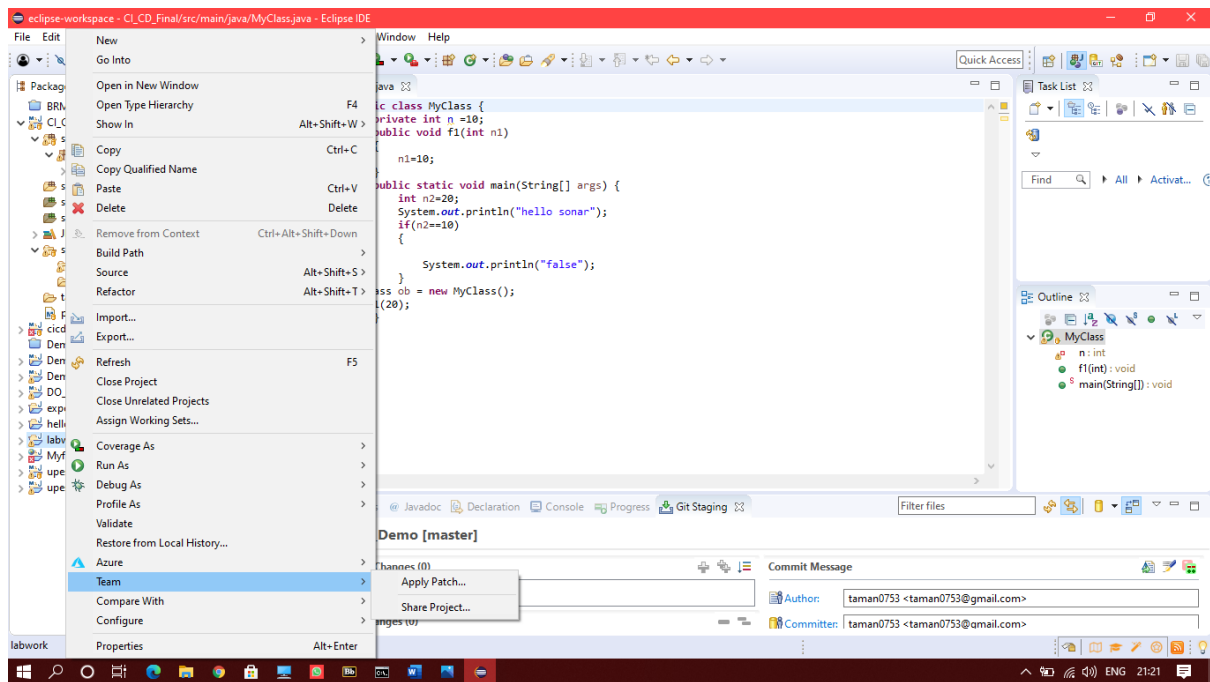
### 3)Add the source code the class



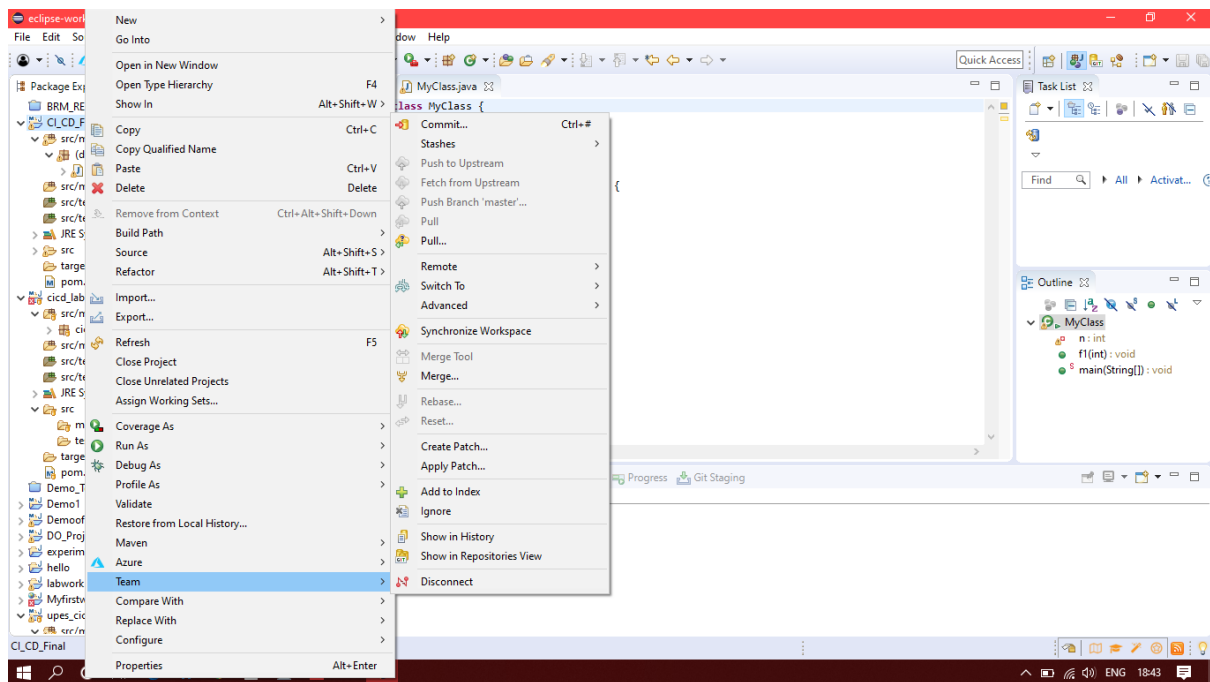
4) Clone your GitHub repository in the Eclipse IDE.

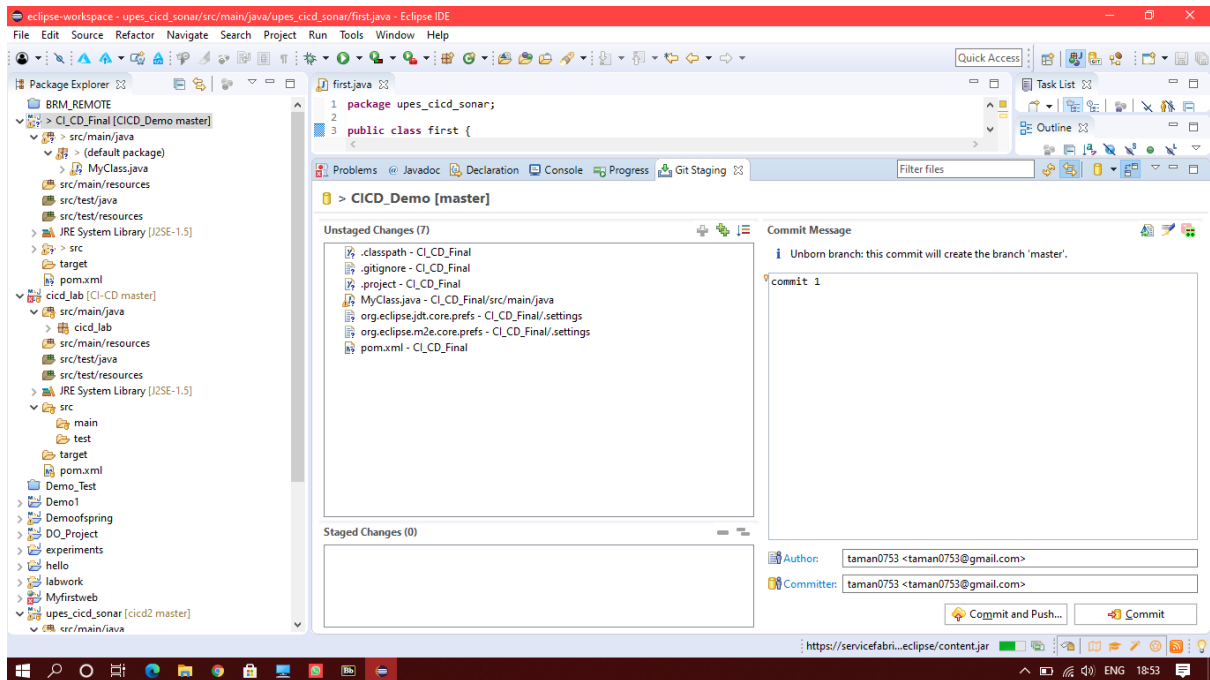


## 5) Link the project with the cloned GitHub repository

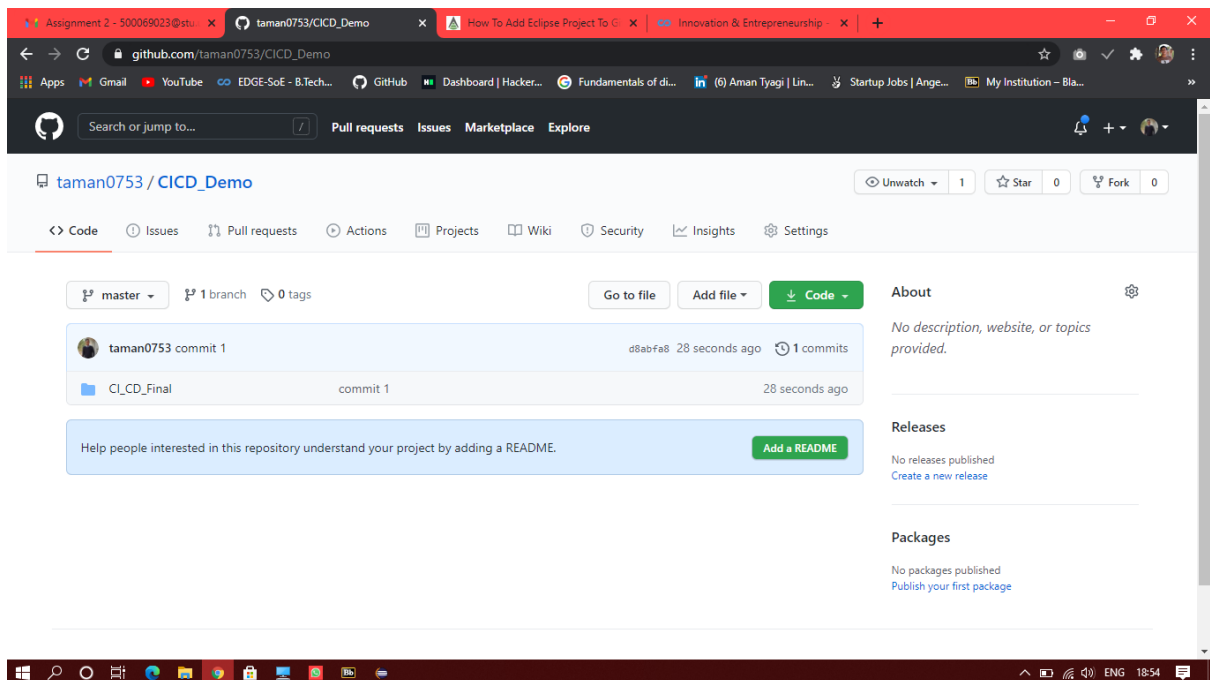


## 6) Push the project to GitHub repository.

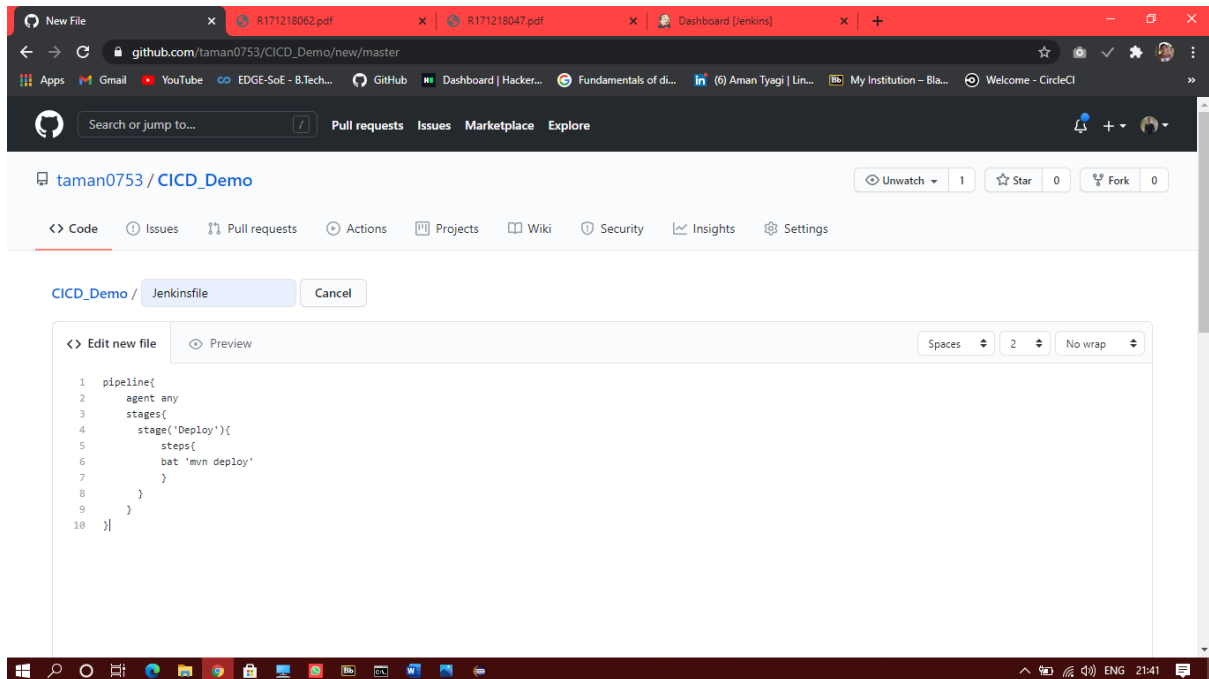




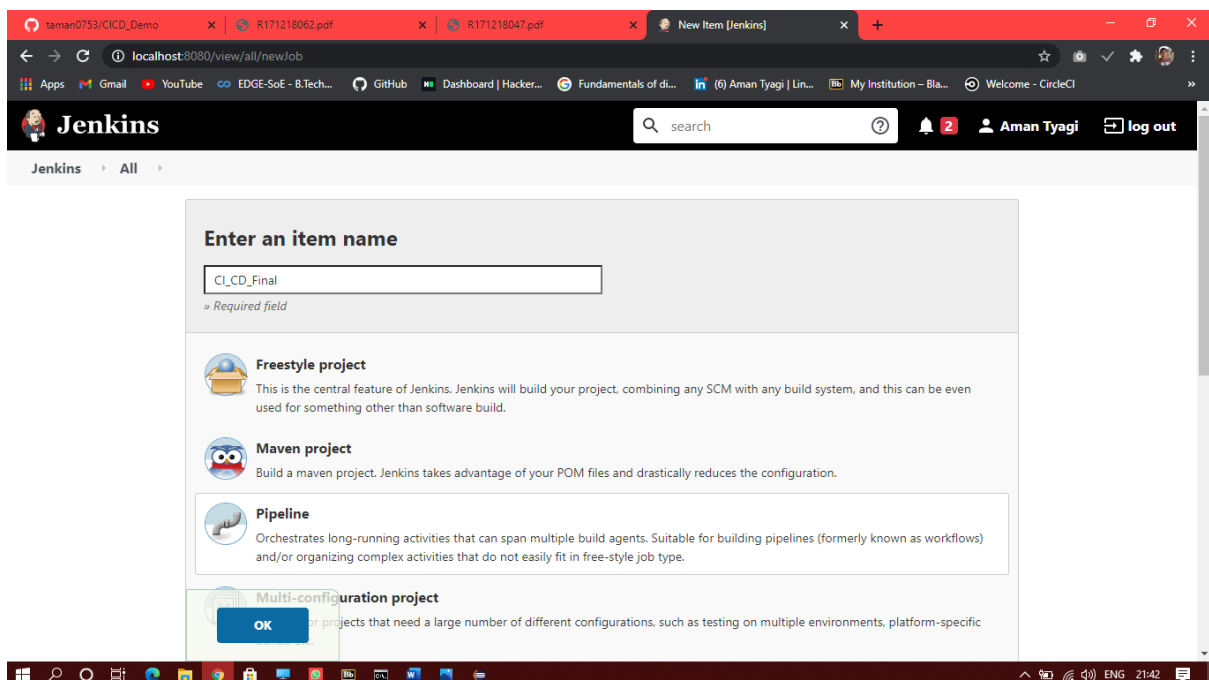
## 7) Check your github



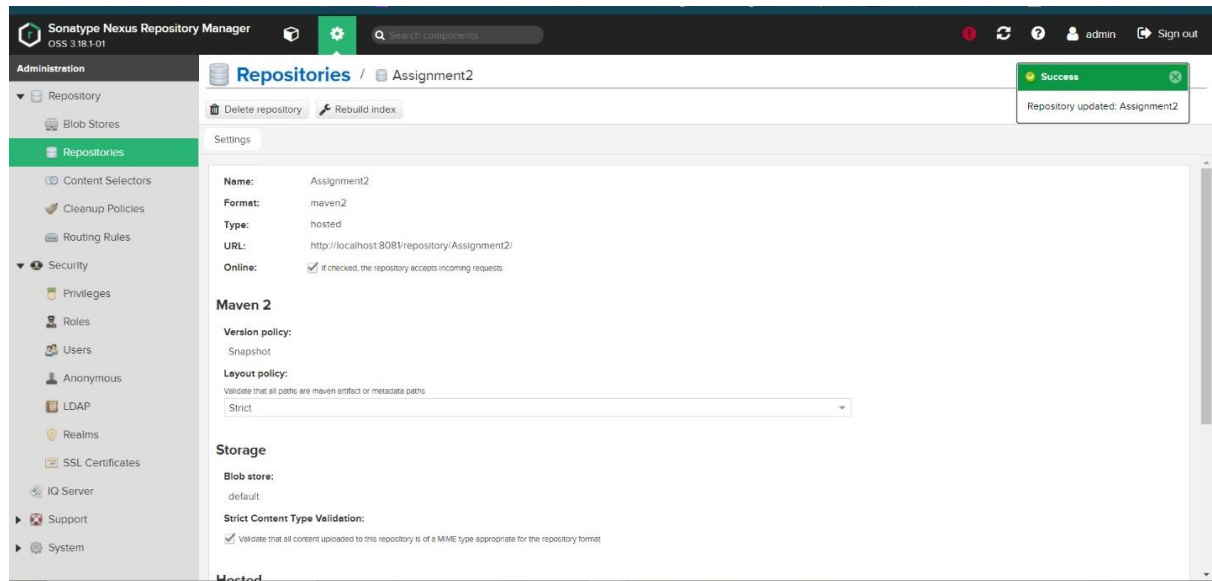
8) Create a Jenkinsfile in the Github repository to with a deploy stage as follows:



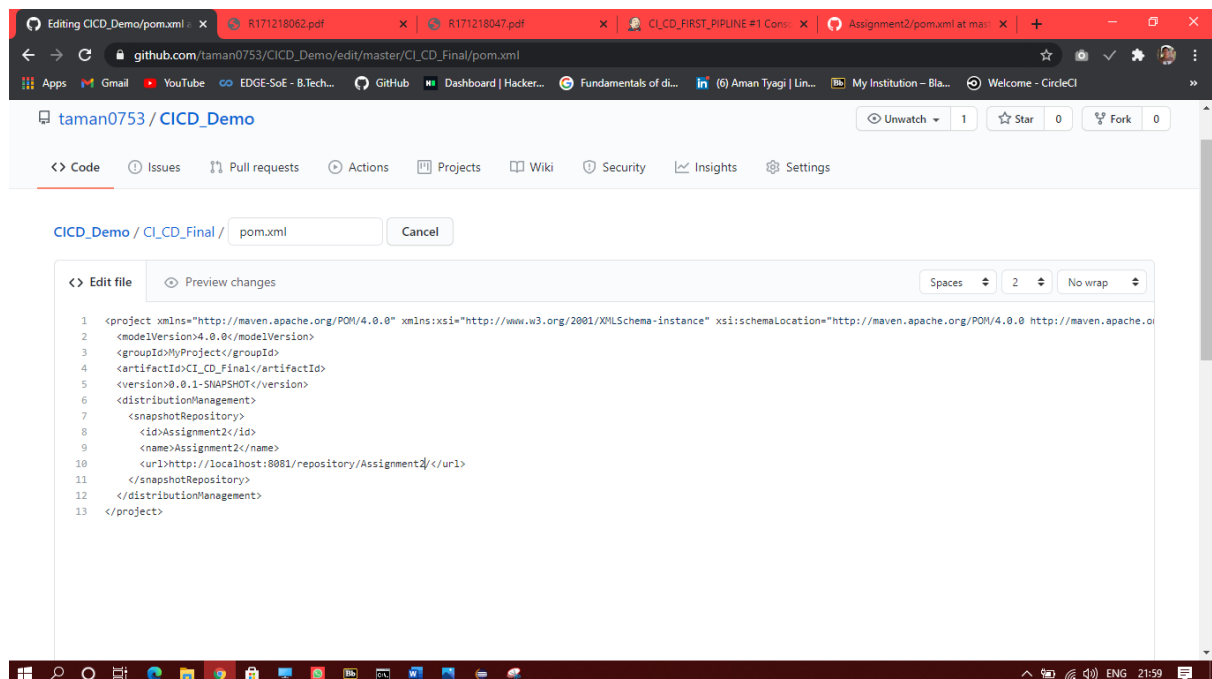
9) Create a new pipeline project in Jenkins and link that project to the above made GitHub repository. Provide the path to the Jenkinsfile as well.



10) Login to the Nexus repository manager using the command prompt and . Create a new Maven(hosted) repository in Nexus with a suitable name, allow redeploy.



11) Add the distribution management tag in your pom.xml



## 12) Save all the steps and build the project

```
[INFO] Scanning for projects...
[INFO]
[INFO] -----< test.jenkinsfile:test.jenkinsfile >-----
[INFO] Building test.jenkinsfile 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ test.jenkinsfile ---
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 2.602 s
[INFO] Finished at: 2020-10-19T09:46:20+05:30
[INFO]
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.252

## 13) Build is store in the nexus repo

