

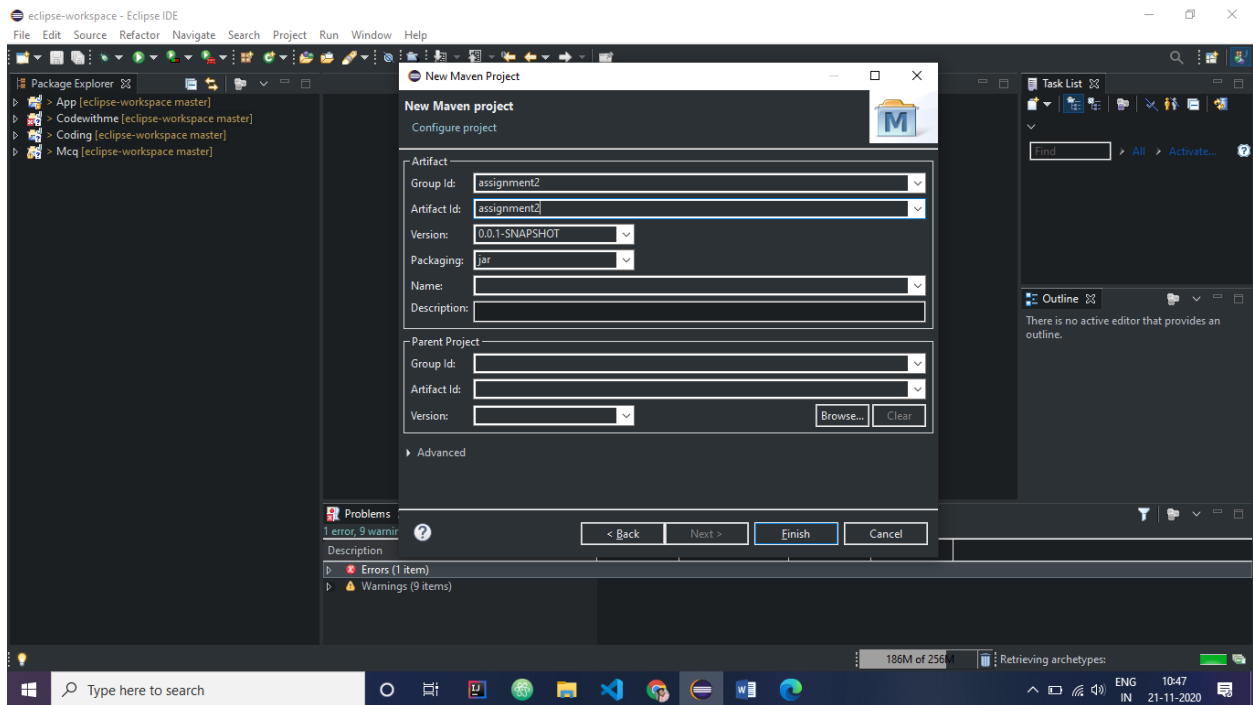
Name: Ankur Sehrawat

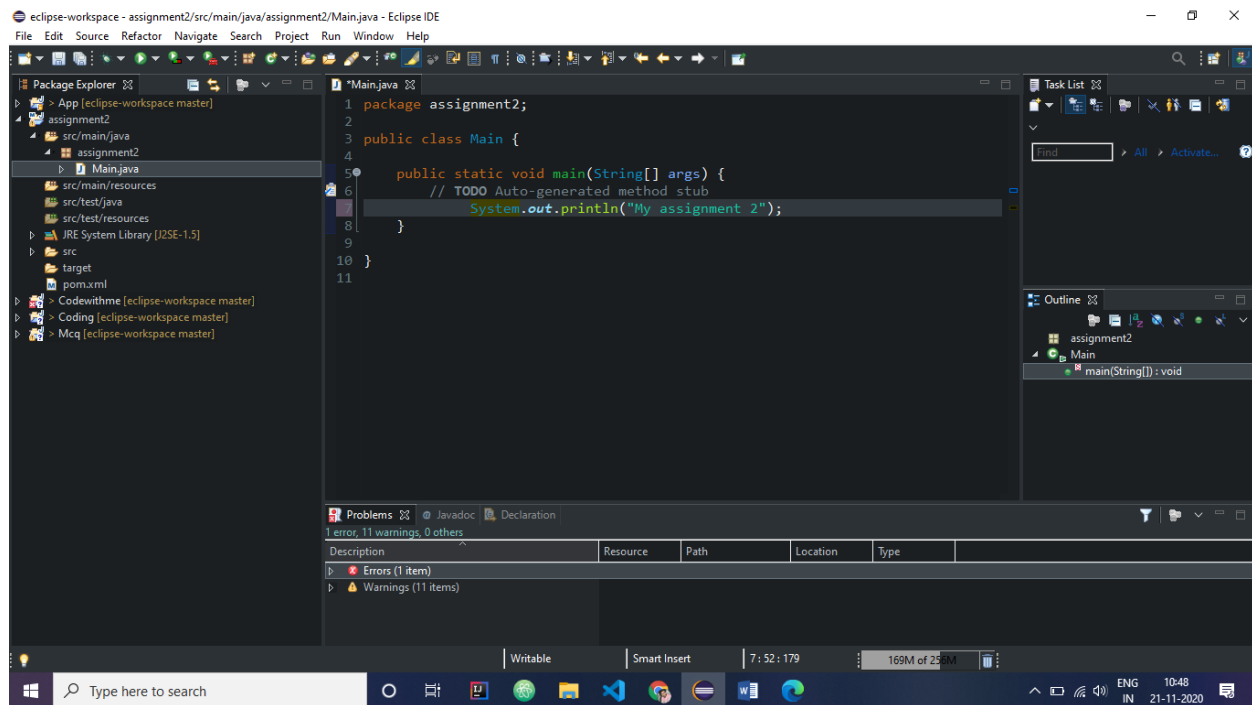
Roll Number: R171218023

SAP ID: 500069004

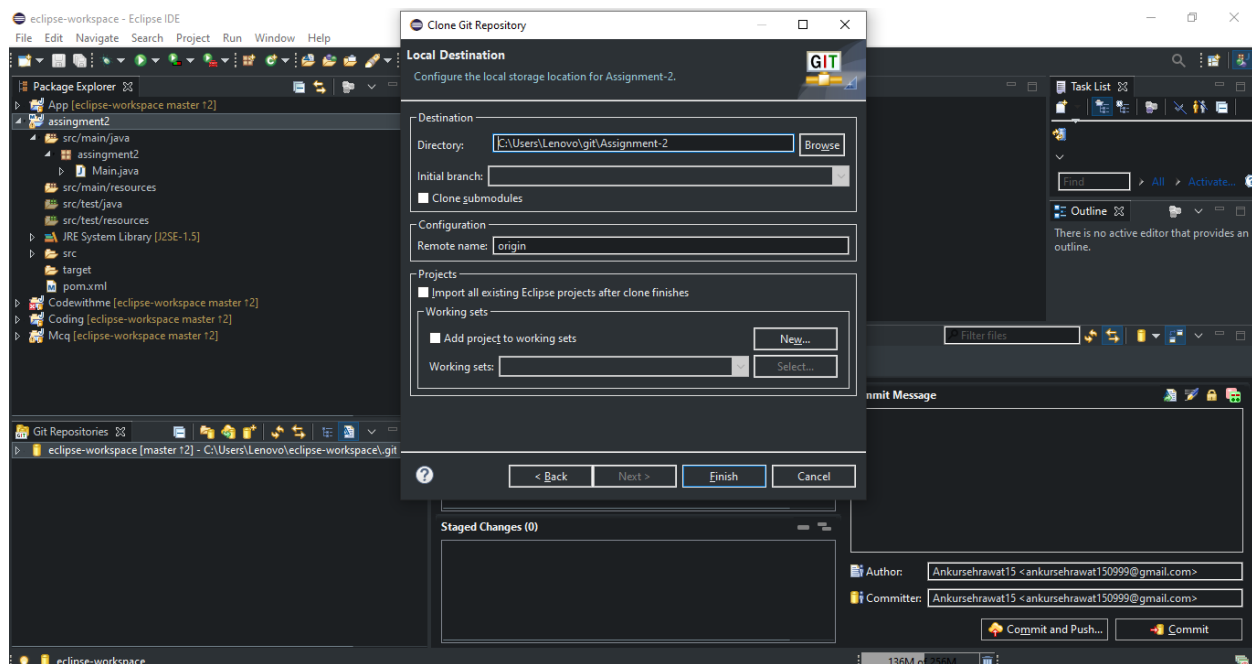
Assignment : 2

Steps 1. Create maven project in eclipse

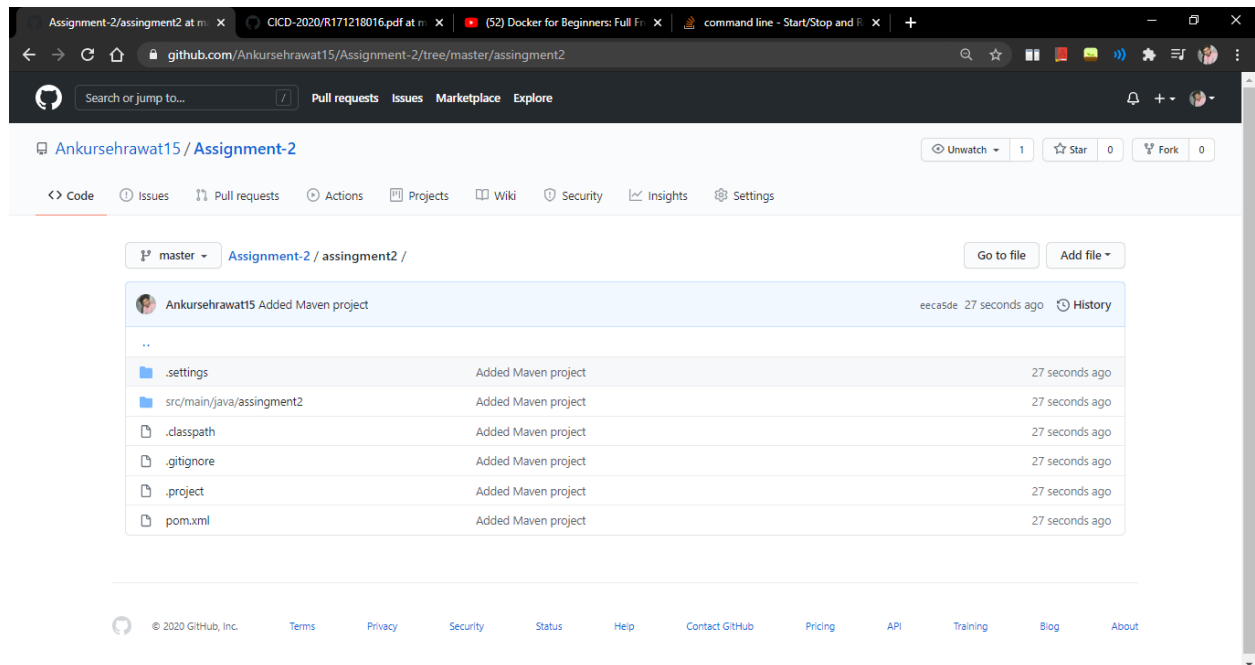
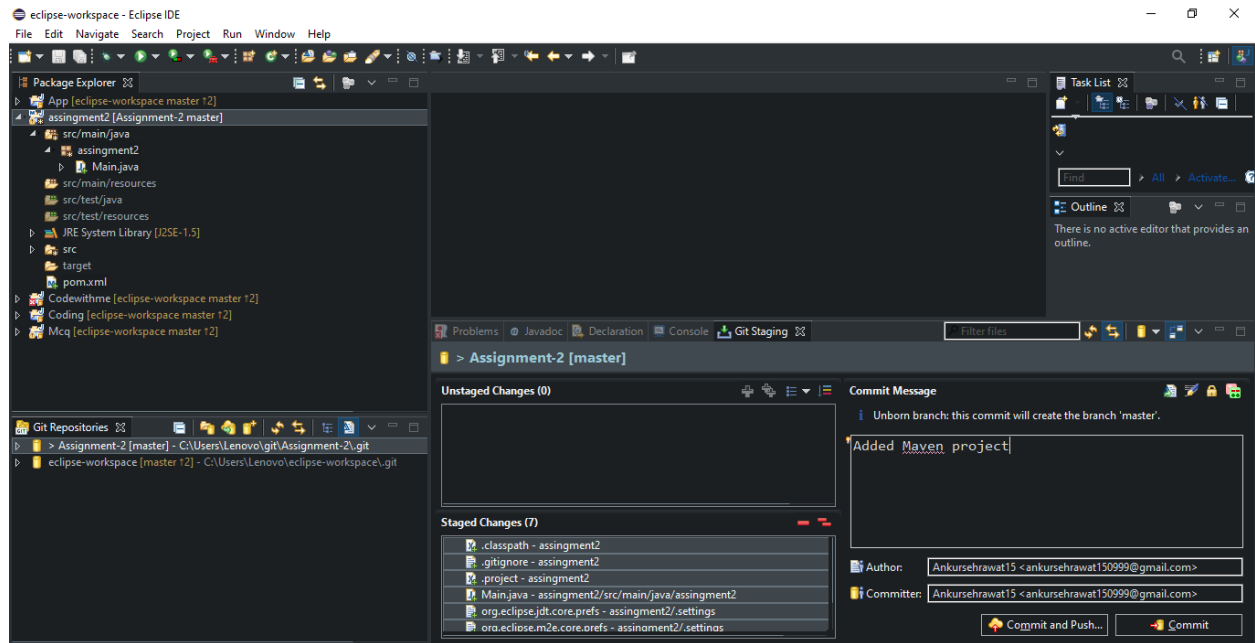




2. Then right click on project and click on teams then click share.



3. Then add credentials and push to github with a commit message.



#### 4. Create a pipeline in Jenkins

## Enter an item name

» Required field



### Freestyle project

This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.



### Maven project

Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.



### Pipeline

Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.



### Multi-configuration project

Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

Jenkins » All »

## Enter an item name

» Required field



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### OK

Scan Bitbucket Cloud Team (or Bitbucket Server Project) for all repositories matching some defined markers.

Assignment2 Config [Jenkins] x New tab x +

localhost:8080/job/Assignment2/configure

Jenkins > Assignment2 >

General Build Triggers Advanced Project Options **Pipeline**

SCM Git

Repositories

Repository URL

Credentials  [Add](#)

[Advanced...](#)

[Add Repository](#)

Branches to build

Branch Specifier (blank for 'any')  [Add Branch](#)

Repository browser

Additional Behaviours [Add](#)

[Save](#) [Apply](#)

Assignment2 [Jenkins] x New tab x Assignment2\_AnimeshJain\_R171 x +

localhost:8080/job/Assignment2/

Jenkins > Assignment2 >

**Jenkins** search ?

Back to Dashboard

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Open Blue Ocean

Rename

Pipeline Syntax

Build History trend

## Pipeline Assignment2

[add description](#)

[Disable Project](#)

[Recent Changes](#)

### Stage View

No data available. This Pipeline has not yet run.

### Permalinks

## Pipeline CICD-Assignment2



### Stage View

Backend Group Server  
Checkout SBT run time: ~ 35s

	Declaration Checkout SBT	clean	test	deploy
10/20 18:28	3s	7s	6s	11s
10/20 18:28	4s	5s	6s	10s
10/20 18:28				
10/20 18:28	2s	6s	5s	8s
10/20 18:28	2s	6s	5s	12s

## Step 5-Start nexus and make a new repository

Apps Gmail YouTube Maps Microsoft Office 20... October to Decemb... Learn @ UPES C:\Users\CMC\Desk... MD5 Algorithm | Kn...

**Sonatype Nexus Repository Manager**  
OSS 3.18.1-01

Administration

- Repository
- Blob Stores
- Repositories**
- Content Selectors
- Cleanup Policies
- Routing Rules
- Security
  - Privileges
  - Roles
  - Users
  - Anonymous
  - LDAP
  - Realms
  - SSL Certificates

**Repositories** / Assignment2

Delete repository Rebuild Index

Settings

**Name:** Assignment2  
**Format:** maven2  
**Type:** hosted  
**URL:** http://localhost:8081/repository/Assignment2/  
**Online:** ☒ If checked, the repository accepts incoming requests

**Maven 2**

**Version policy:** Release

**Layout policy:** Validate that all paths are maven artifact or metadata paths  
Strict

**Storage**

**Blob store:**

Success  
Repository updated: Assignment2