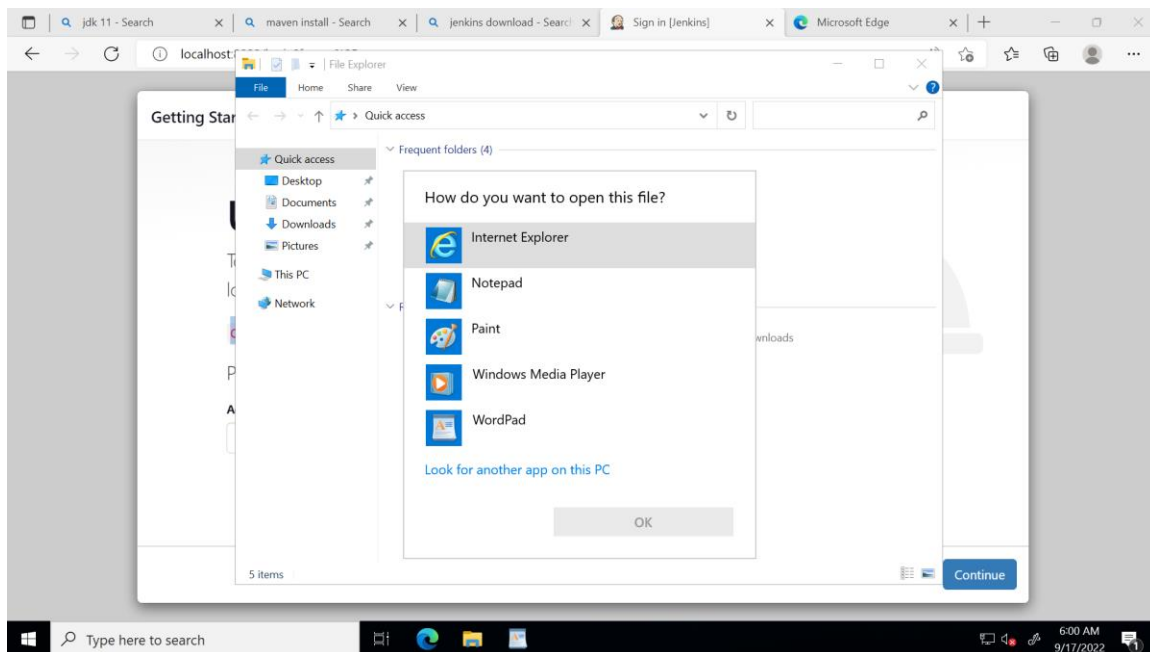
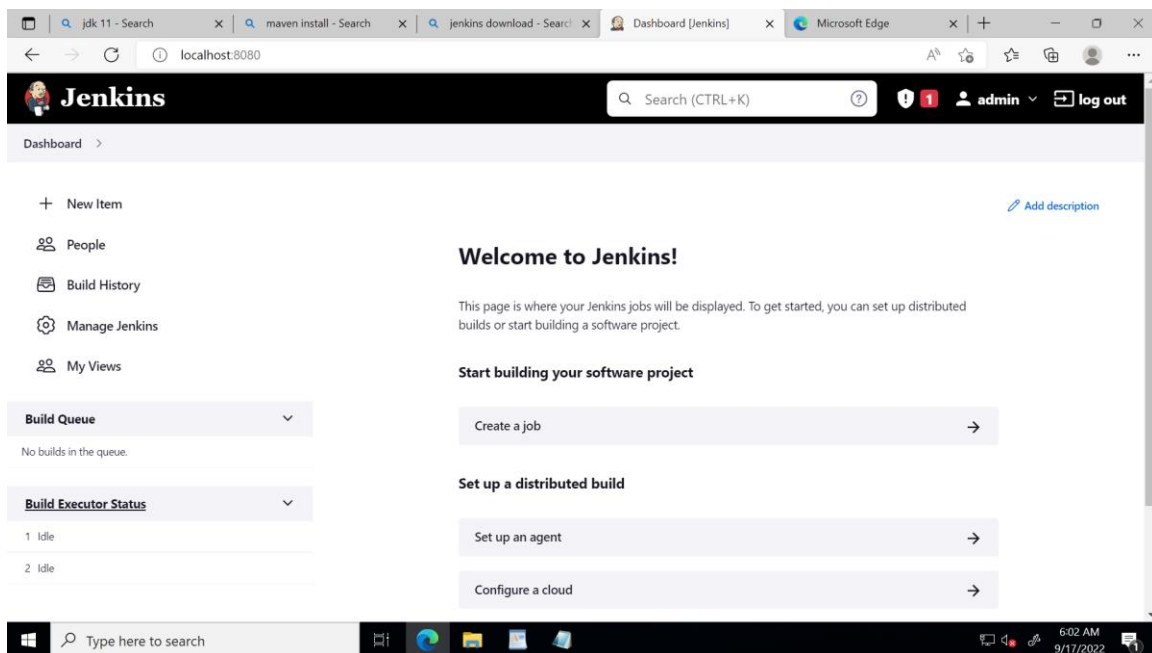
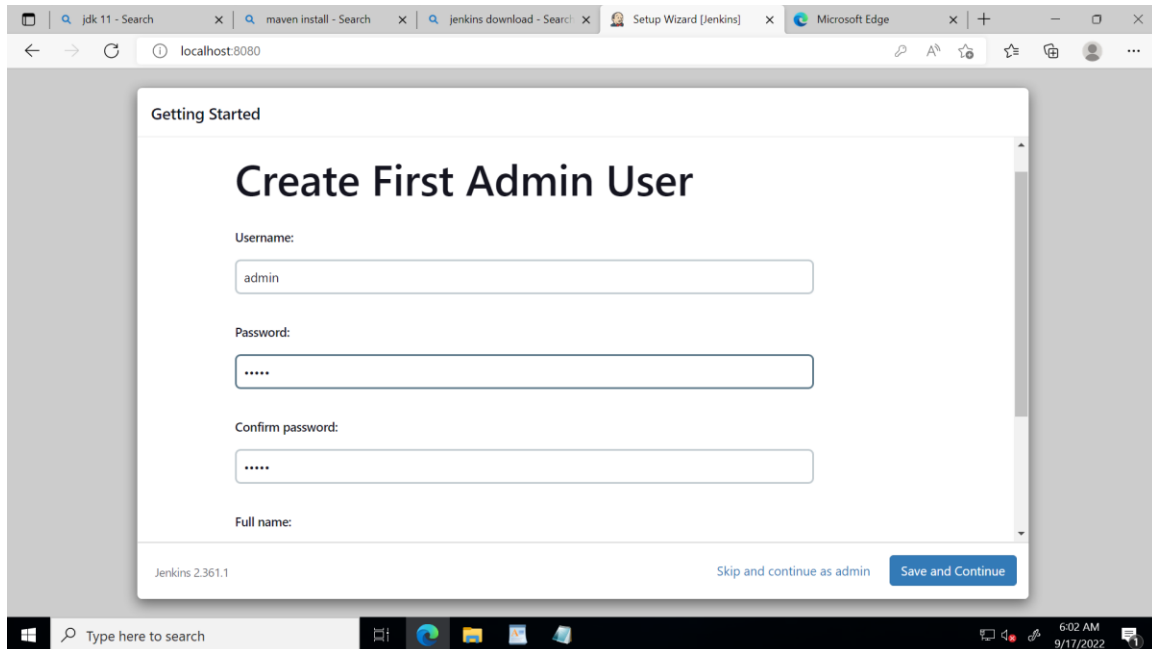


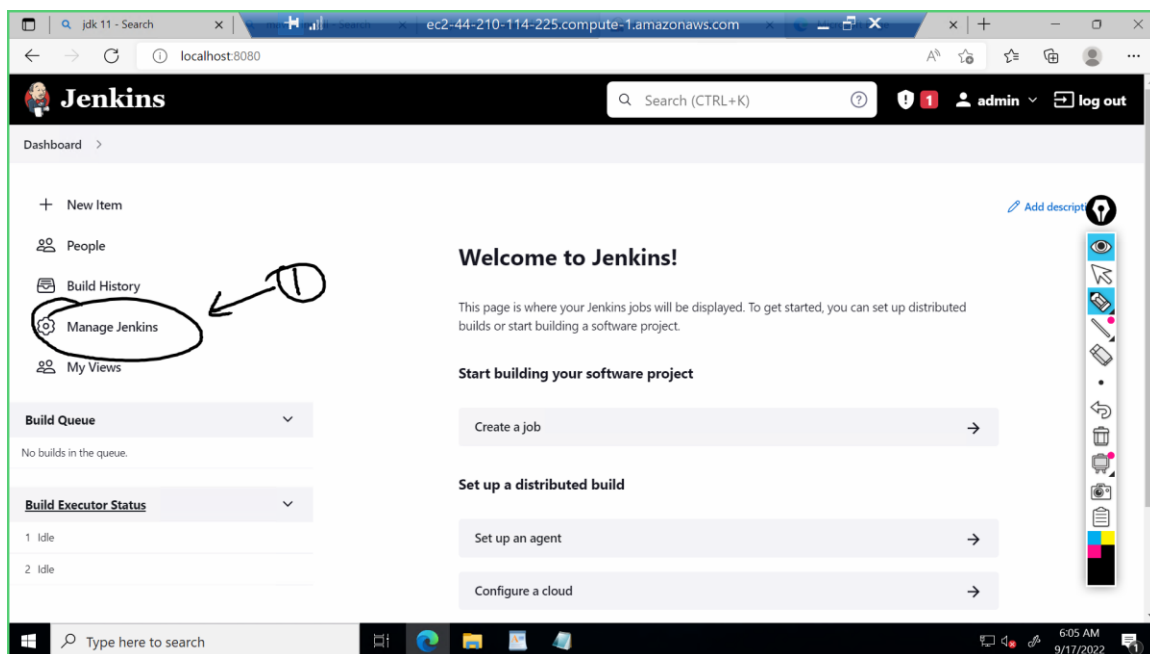
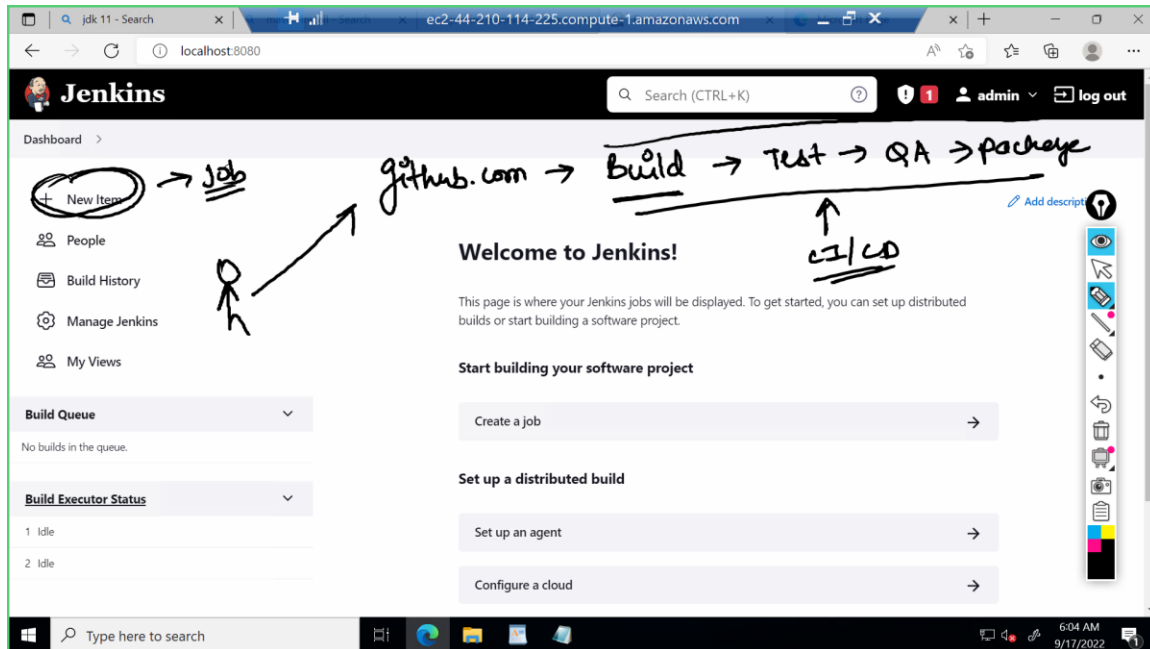
C:\ProgramData\Jenkins\.jenkins\secrets\initialAdminPassword

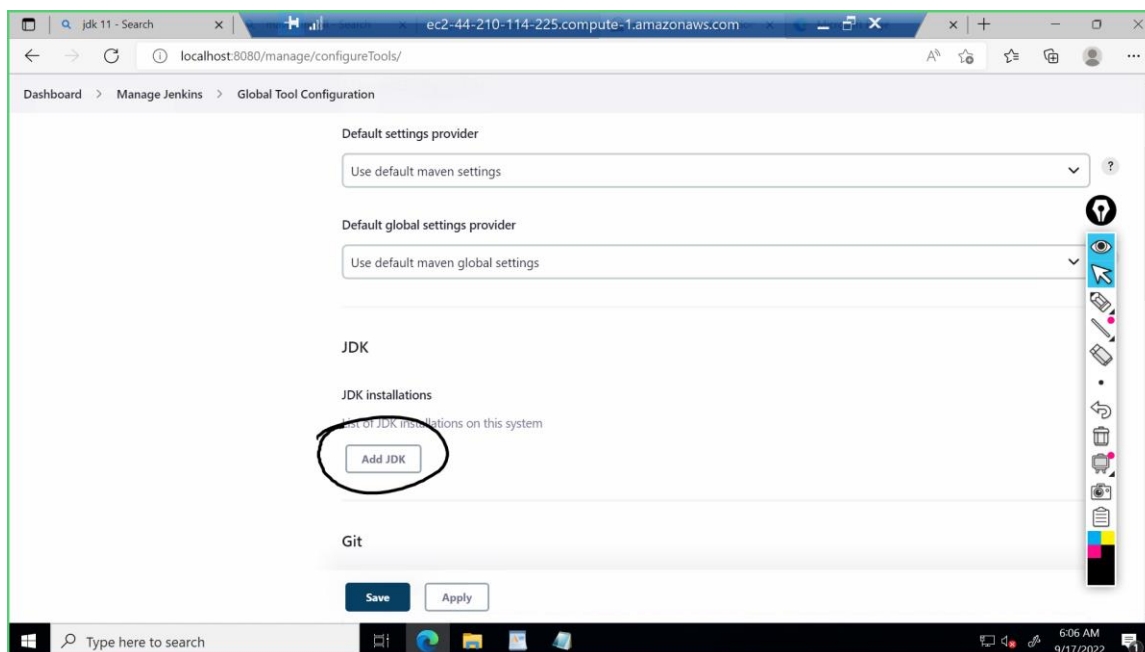
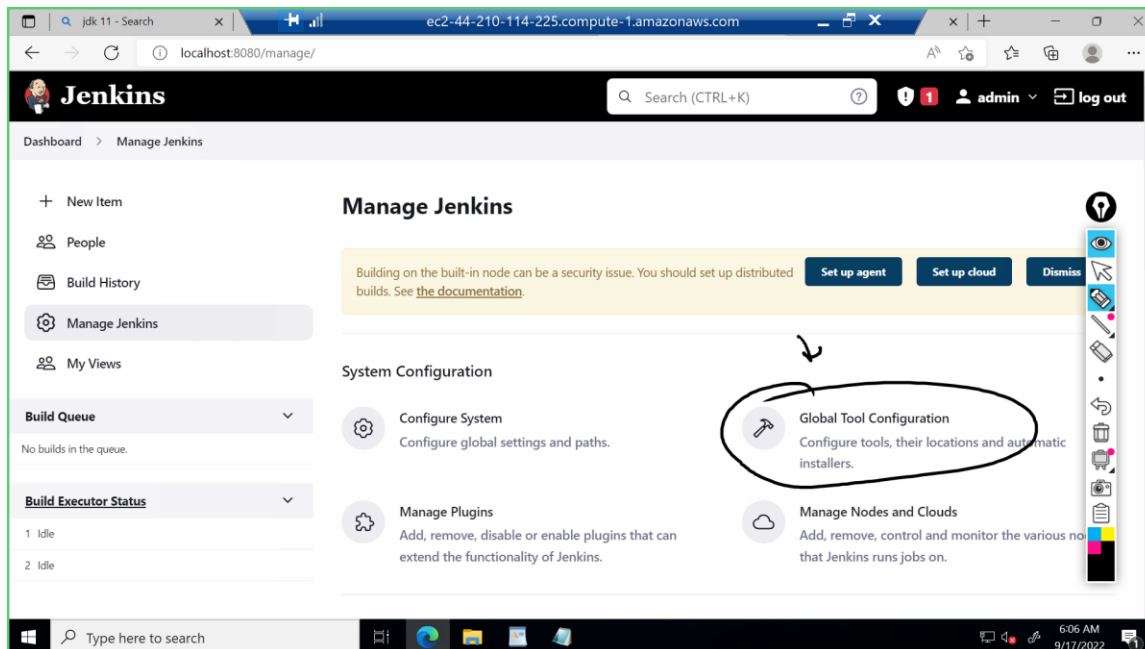


Paste the password

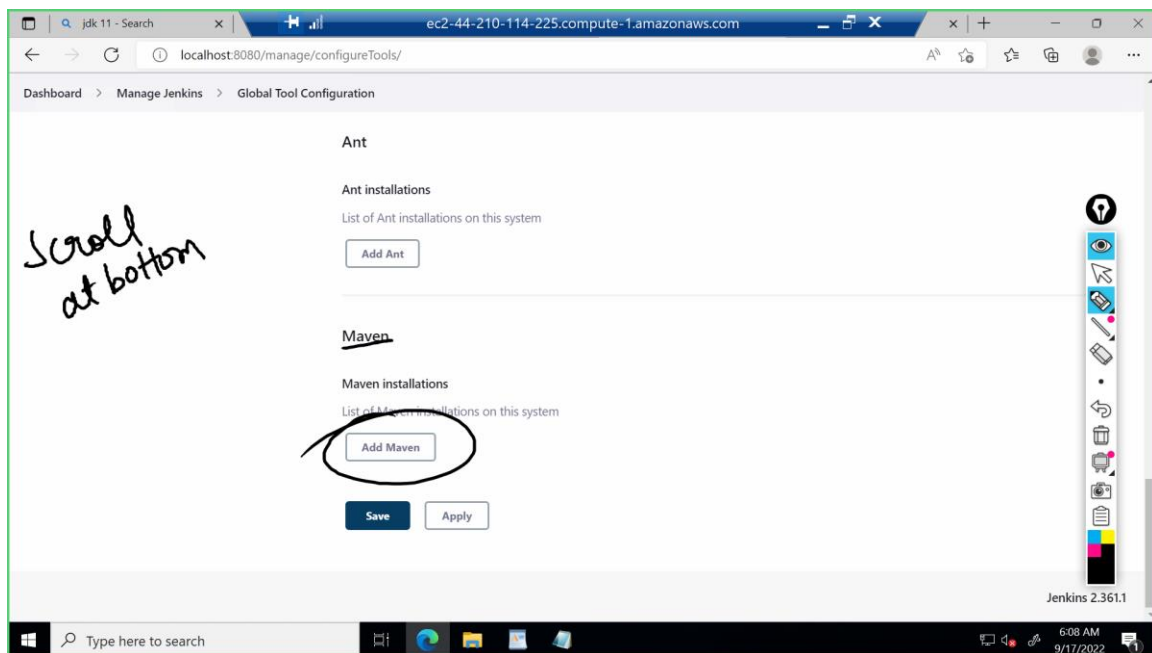
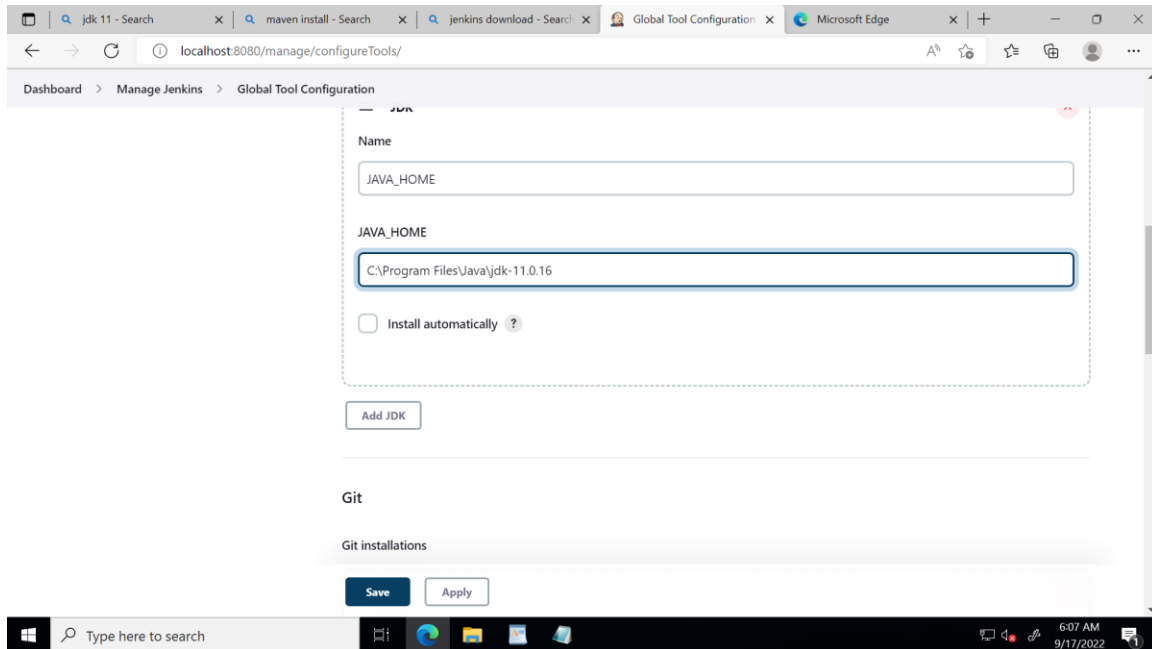
and now install default plugins

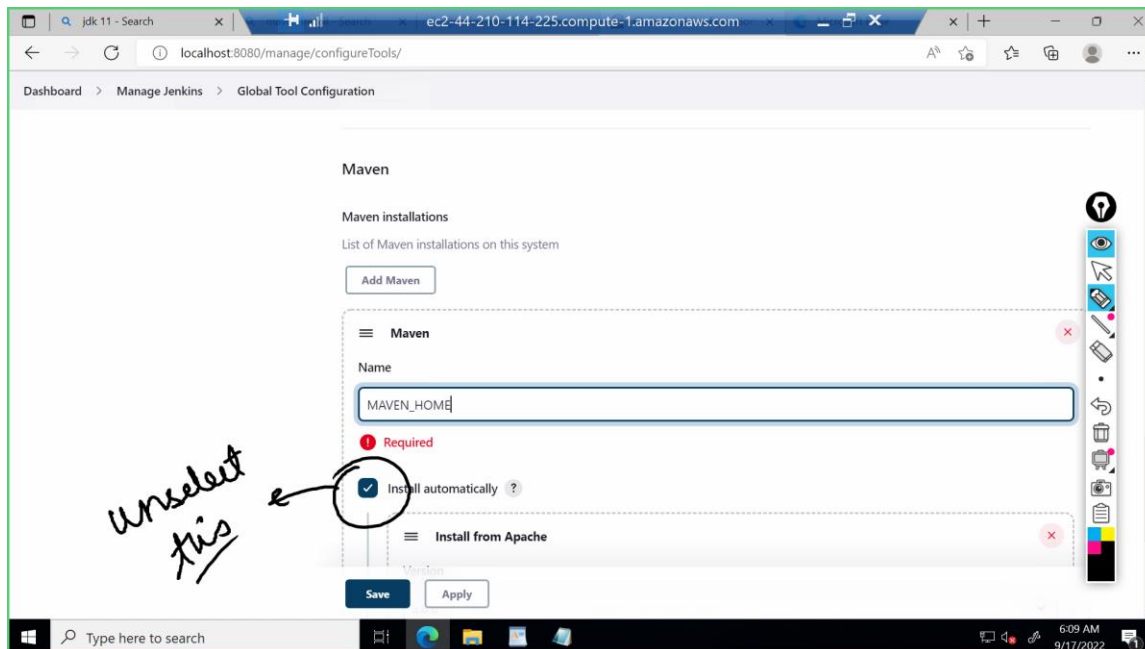




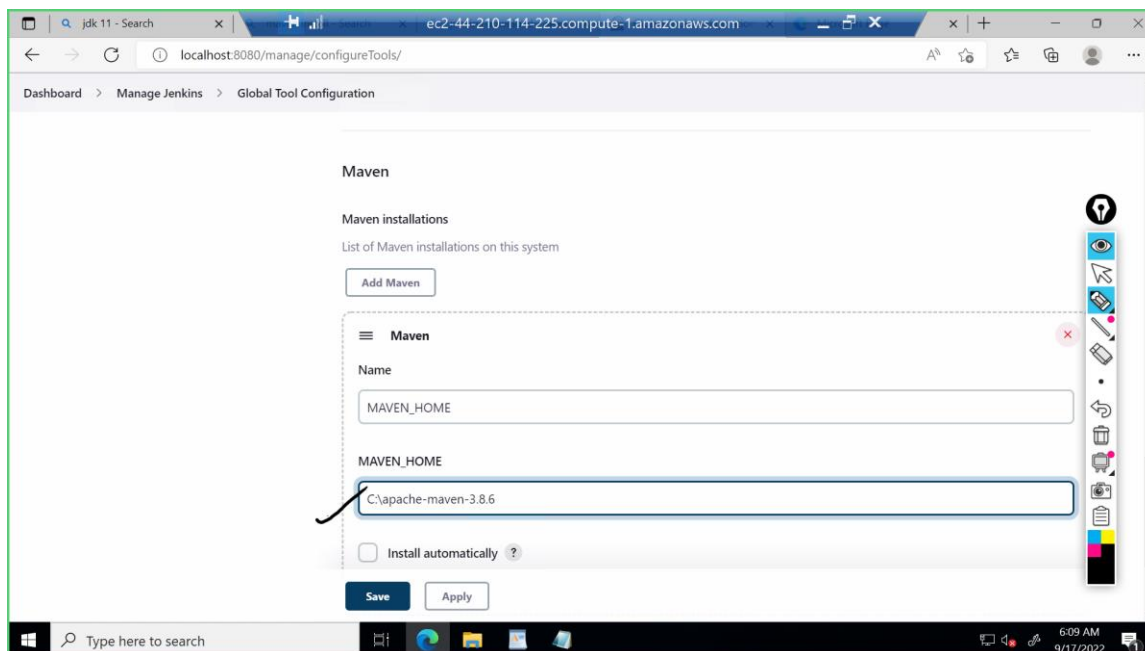


C:\Program Files\Java\jdk-11.0.16



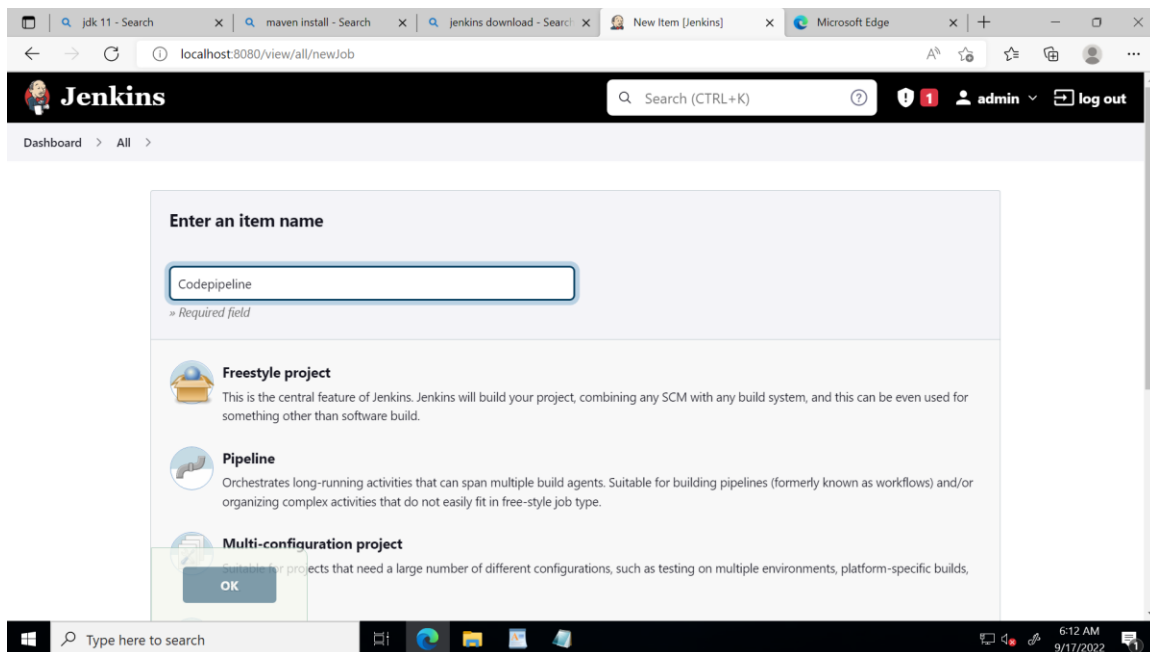
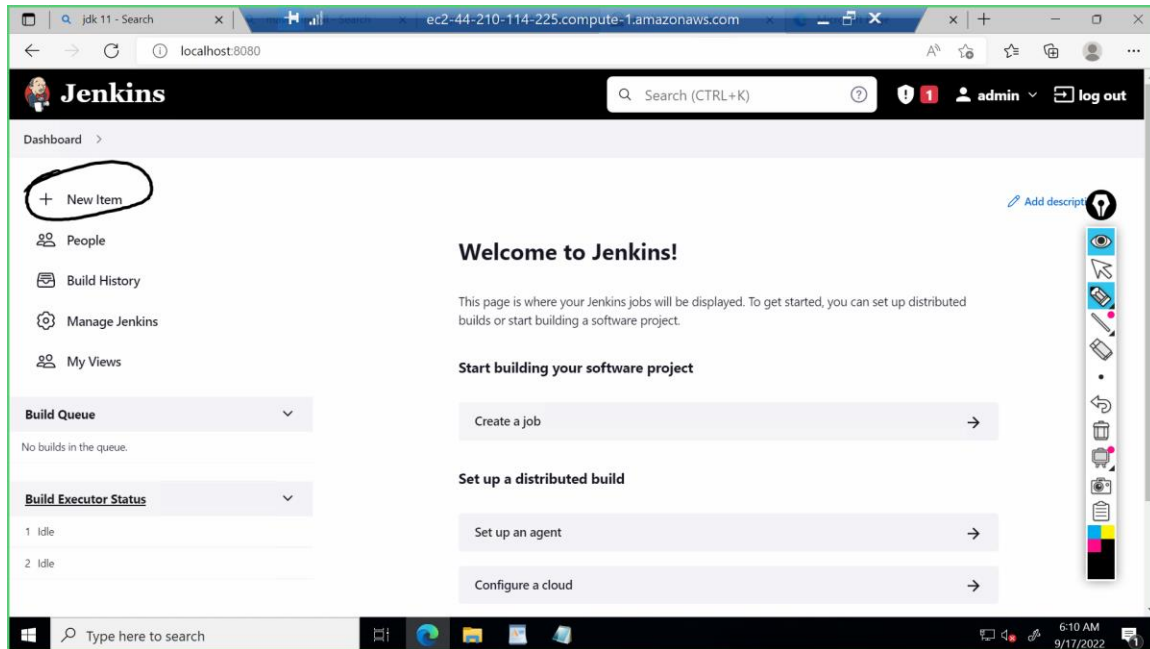


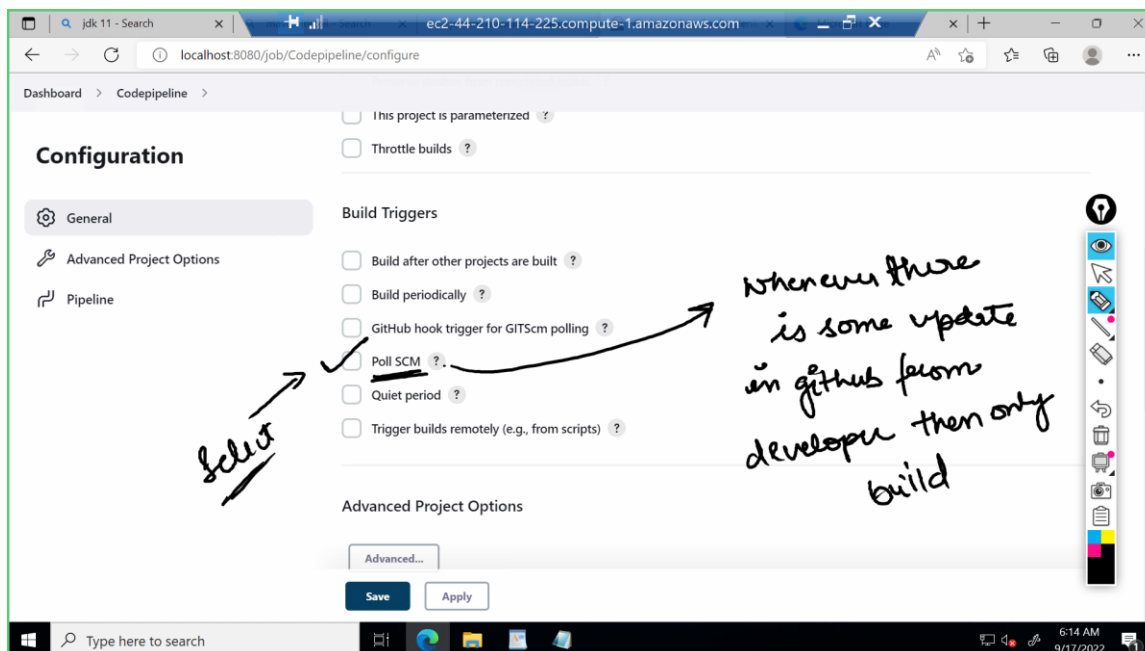
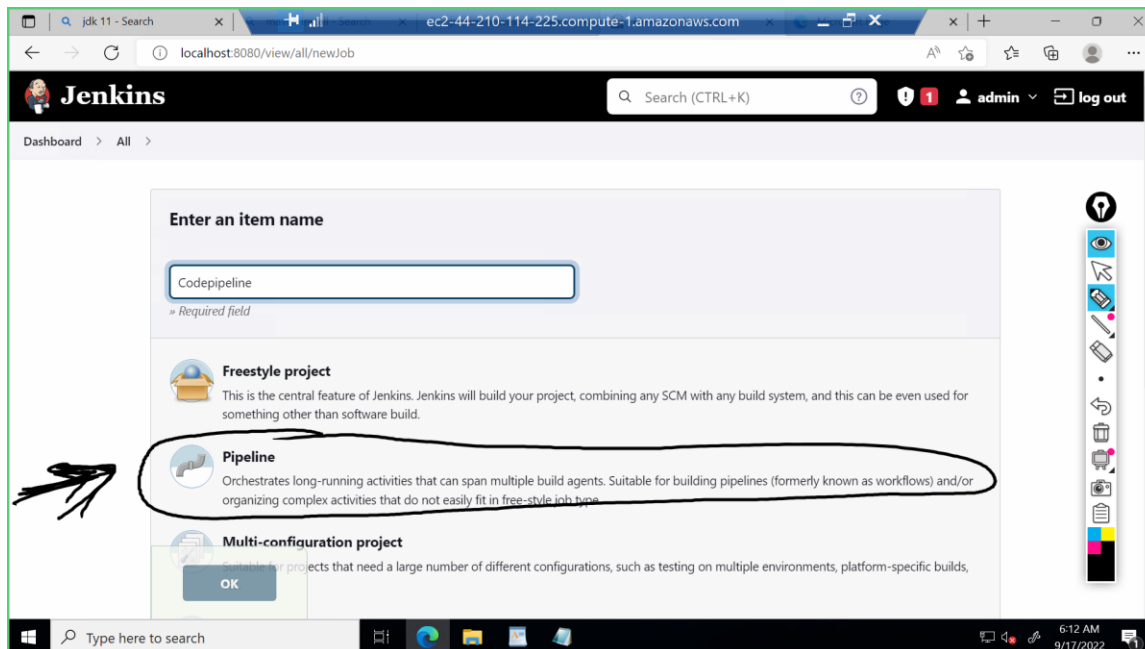
C:\apache-maven-3.8.6



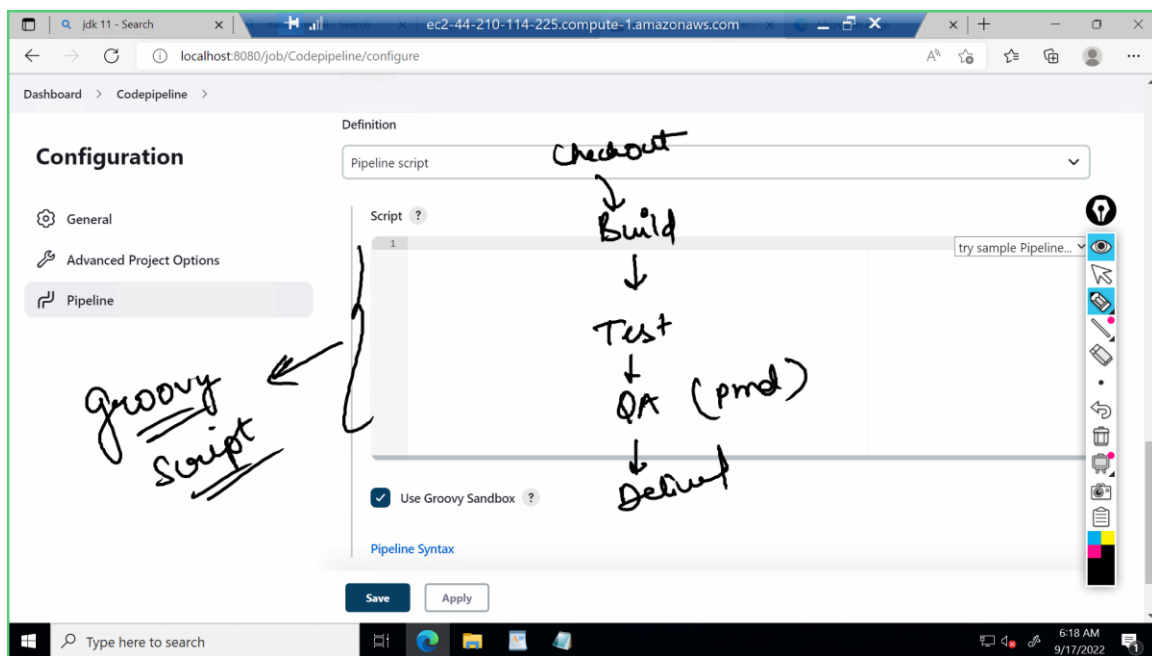
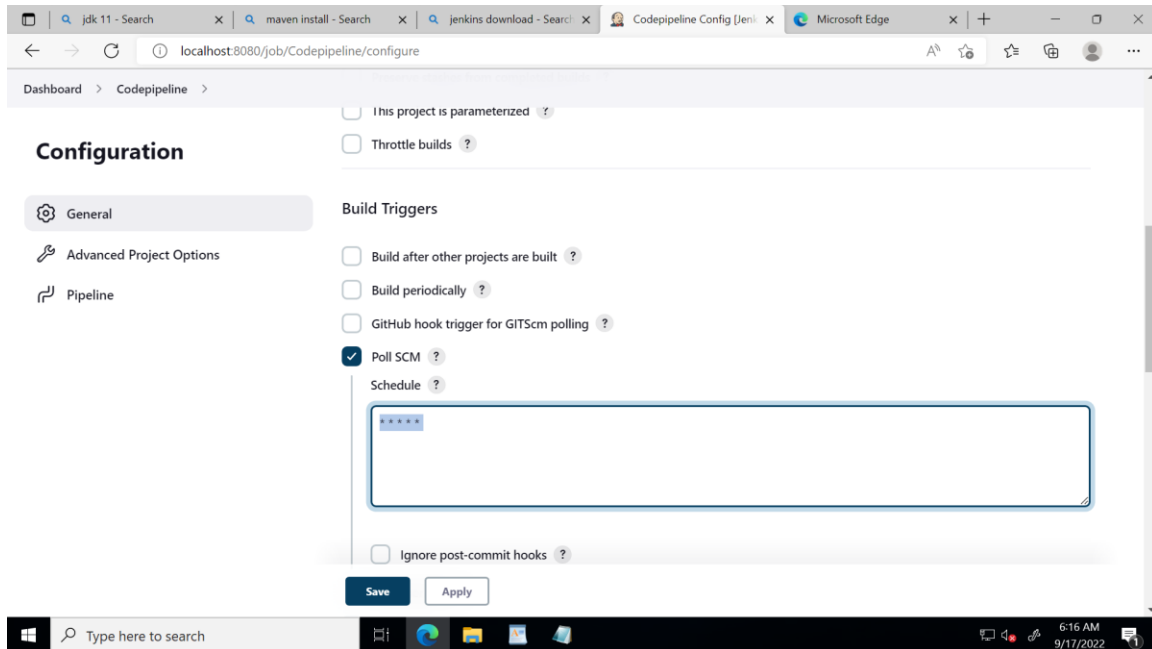
and save

and come to dashboard





Poll scm uses Cron job . use * * * * * to schedule jenkins to go and check github for the updates



Fork <https://github.com/akshu20791/DevOpsClassCodes>

```
pipeline{
    agent any

    tools{
        maven 'MAVEN_HOME'
    }

    stages{
        stage("checkout from github"){
            steps{
                git url:'https://github.com/akshu20791/DevOpsClassCodes'
                echo 'pulled from github successfully'
            }
        }

        stage("compile the code to executable format"){
            steps{
                bat "mvn compile"
                echo 'converted the code from human readable to machine readable '
            }
        }

        stage("testing the code"){
            steps{
                bat "mvn test"
                echo 'run and execute the test cases written in selenium'
            }
        }

        stage("code review to check quality of code"){
            steps{
                bat "mvn pmd:pmd"
                echo 'code review done'
            }
        }
    }
}
```

```

    }
}

stage("covert the code to package"){

    steps{

        bat "mvn package"

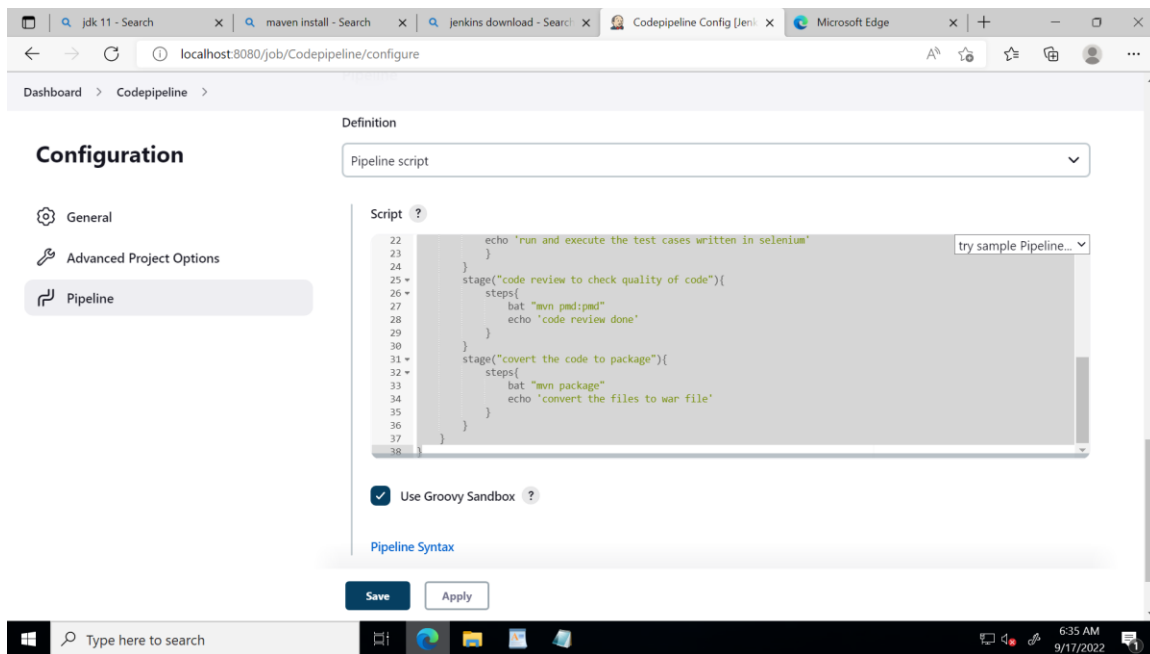
        echo 'convert the files to war file'

    }

}

}

```



jenkins

Search (CTRL+K)

admin log out

Dashboard > Codepipeline

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Polling Log

Build History trend

Pipeline Codepipeline

Recent Changes

Stage View

No data available. This Pipeline has not yet run.

Permalinks

6:35 AM 9/17/2022

jenkins

Search (CTRL+K)

admin log out

Dashboard > Codepipeline

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Polling Log

Build History trend

Filter builds...

#2 Sep 17, 2022 6:37 AM

#1 Sep 17, 2022 6:35 AM

Atom feed for all Atom feed for failures

Pipeline Codepipeline

Recent Changes

Stage View

	Declarative: Tool Install	checkout from github	compile the code to executable format
Average stage times:	325ms	4s	4s
#2 Sep 17 06:37 No Changes	325ms	4s	4s
#1 Sep 17 06:35 No Changes			

6:37 AM 9/17/2022

Dashboard > Codepipeline >

Build Now
Configure
Delete Pipeline
Full Stage View
Rename
Pipeline Syntax
Polling Log

Build History trend

Filter builds...

#2 Sep 17, 2022 6:37 AM
#1 Sep 17, 2022 6:35 AM

Atom feed for all Atom feed for failures

Recent Changes

Stage View

CI/CD

Stage	Declarative: Tool Install	checkout from github	compile the code to executable format	testing the code	code review to check quality of code	convert the code to package
Average stage times:	325ms	4s	21s	14s	25s	11s
(Average full run time: ~1min 22s)	325ms	4s	21s	14s	25s	11s

6:39 AM 9/17/2022

Stage Logs (convert the code to package)

- Use a tool from a predefined Tool Installation -- MAVEN_HOME (self time 40ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 57ms)
- Windows Batch Script -- mvn package (self time 10s)
- Print Message -- convert the files to war file (self time 12ms)

Full Stage View
Rename
Pipeline Syntax
Polling Log

Build History trend

Filter builds...

#2 Sep 17, 2022 6:37 AM
#1 Sep 17, 2022 6:35 AM

Atom feed for all Atom feed for failures

Stage	Declarative: Tool Install	checkout from github	compile the code to executable format	testing the code	code review to check quality of code	convert the code to package
Average stage times:	325ms	4s	21s	14s	25s	11s
(Average full run time: ~1min 22s)	325ms	4s	21s	14s	25s	11s

Click on logs

6:39 AM 9/17/2022

Stage Logs (convert the code to package)

- Use a tool from a predefined Tool Installation -- MAVEN_HOME (self time 40ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 57ms)
- Windows Batch Script -- mvn package (self time 10s)**
- Print Message -- convert the files to war file (self time 12ms)

Stage View

	Declarative: Tool Install	checkout from github	compile the code to executable format	testing the code	code review to check quality of code	convert the code to package
Average stage times: (Average full run time: ~1min 22s)	325ms	4s	21s	14s	25s	11s
#2 Sep 17 06:37 No Changes	325ms	4s	21s	14s	25s	11s
#1 Sep 17 06:35 No Changes						

Build History trend

Filter builds...

Atom feed for all Atom feed for failures

Stage Logs (convert the code to package)

- Use a tool from a predefined Tool Installation -- MAVEN_HOME (self time 40ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 57ms)
- Windows Batch Script -- mvn package (self time 10s)

```

Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surety/maven-surety-1.0-beta-2.jar (35 kB at 88 KB/s)
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.thoughtworks.xstream.core.util.Fields (file:/C:/Windows/system32/config/systemprofile/.m2/repository/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.jar) to field java.util.Properties.defaults
WARNING: Please consider reporting this to the maintainers of com.thoughtworks.xstream.core.util.Fields
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Packaging webapp
[INFO] Assembling webapp [addressbook] in [C:\ProgramData\Jenkins\.jenkins\workspace\Codepipeline\target\addressbook]
[INFO] Processing war project
[INFO] Webapp assembled in [181 msecs]
[INFO] Building war: C:\ProgramData\Jenkins\.jenkins\workspace\Codepipeline\target\addressbook.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 7.993 s
[INFO] Finished at: 2022-09-17T06:38:22Z
[INFO] -----
  
```

Print Message -- convert the files to war file (self time 12ms)

copy (handwritten)

C:\ProgramData\Jenkins\.jenkins\workspace\Codepipeline\target

here u will see your package

