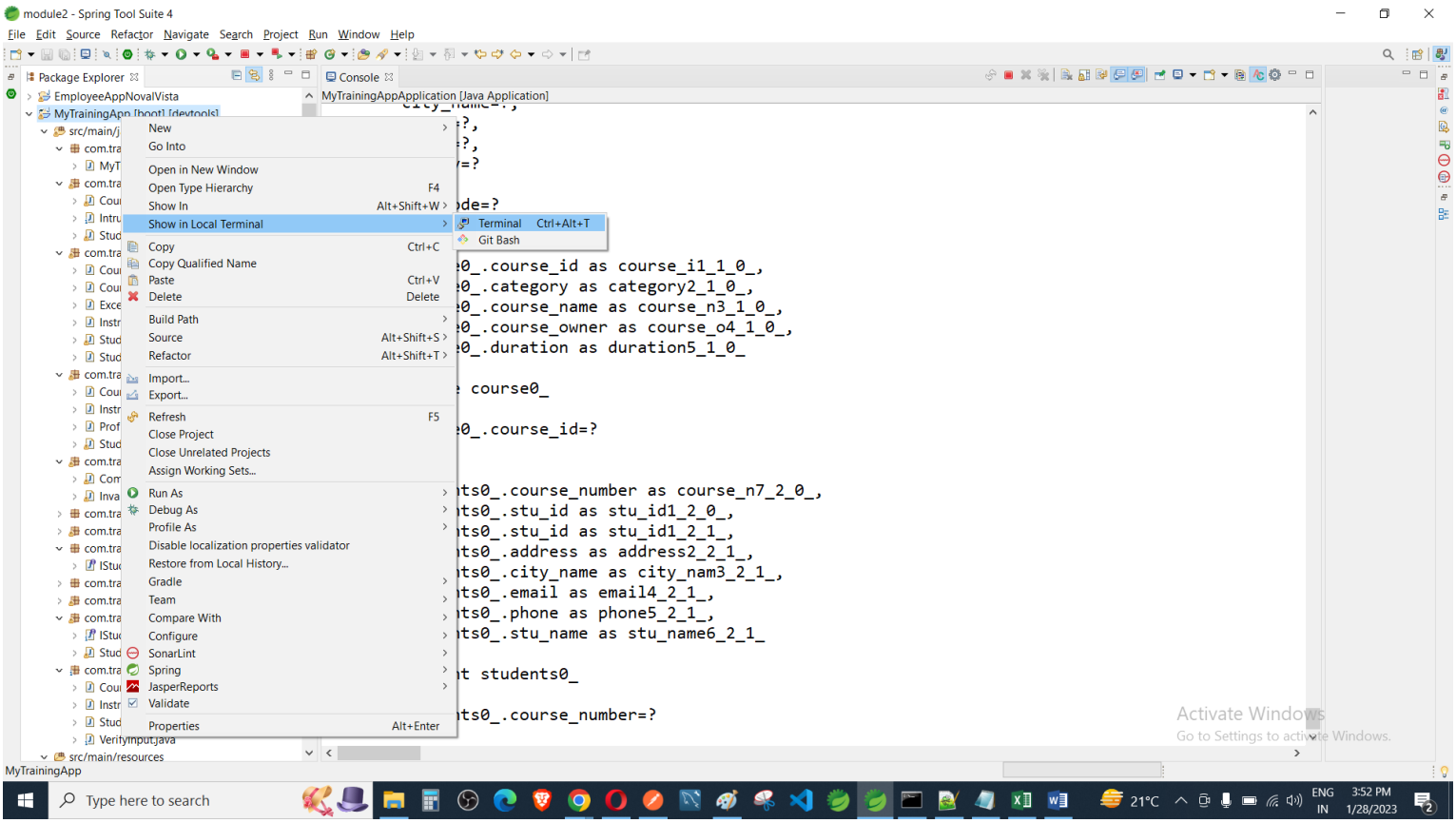
Gradle Notes



In order to view all tasks under gradle , execute below command

```
sks or task options.


C:\Users\Hp\Desktop\Capgemini Batch\22 Dec 2022_Batch 2\Training Workspaces\module2\MyTrainingApp>gradlew tasks
Starting a Gradle Daemon (subsequent builds will be faster)

> Task :tasks

------------------------------------------------------------
Tasks runnable from root project 'MyTrainingApp'
------------------------------------------------------------

Application tasks
-----------------
bootRun - Runs this project as a Spring Boot application.

Build tasks
-----------
assemble - Assembles the outputs of this project.
bootBuildImage - Builds an OCI image of the application using the output of the bootJar task
bootJar - Assembles an executable jar archive containing the main classes and their dependencies.
```

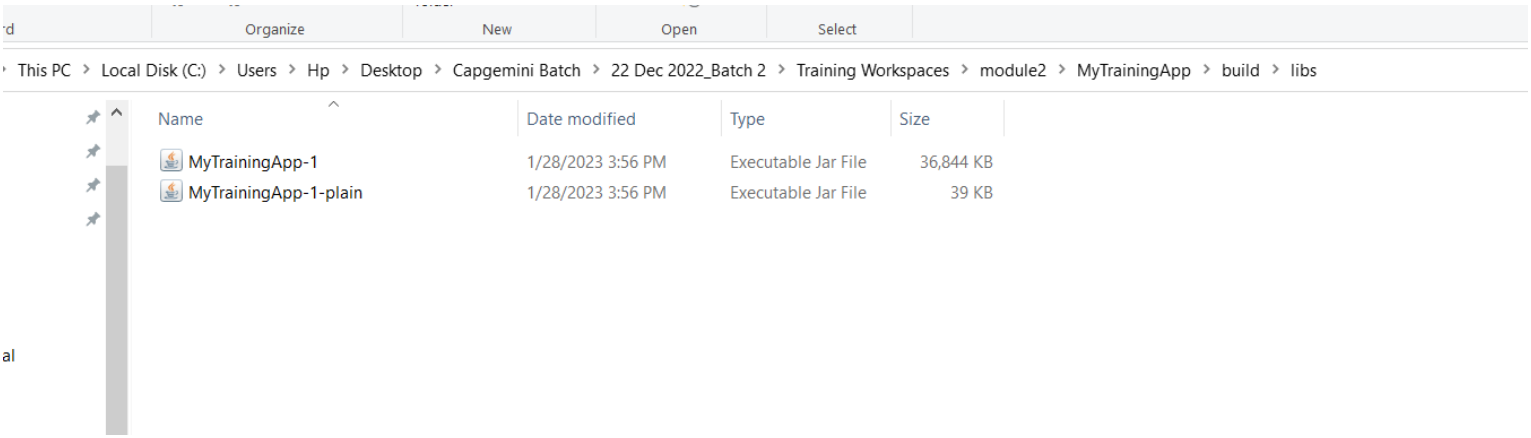
In order to build the project

```
C:\Users\Hp\Desktop\Capgemini Batch\22 Dec 2022_Batch 2\Training Workspaces\module2\MyTrainingApp>gradlew build

> Task :compileJava
C:\Users\Hp\Desktop\Capgemini Batch\22 Dec 2022_Batch 2\Training Workspaces\module2\MyTrainingApp\src\main\java\com\
aining\app\exceptions\InvalidInputDataException.java:7: warning: Generating equals/hashCode implementation but witho
 a call to superclass, even though this class does not extend java.lang.Object. If this is intentional, add '@Equals
dHashCode(callSuper=false)' to your type.
```

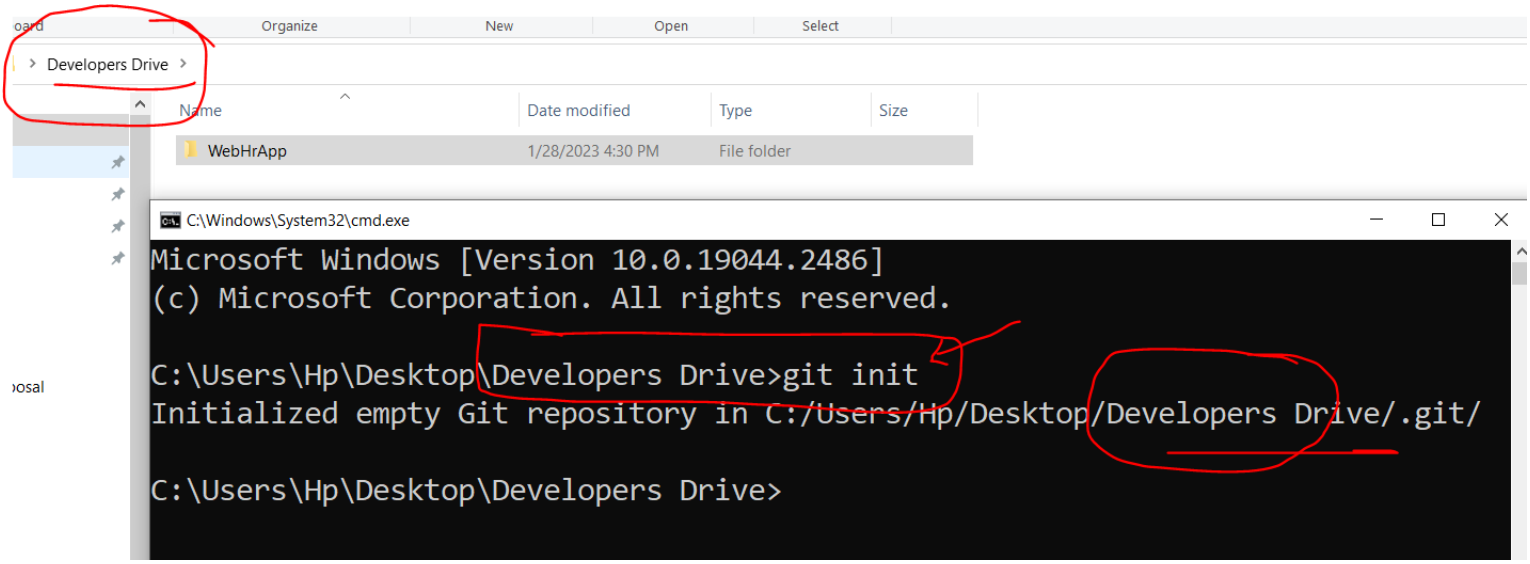
In order to find final Jar , navigate to project location

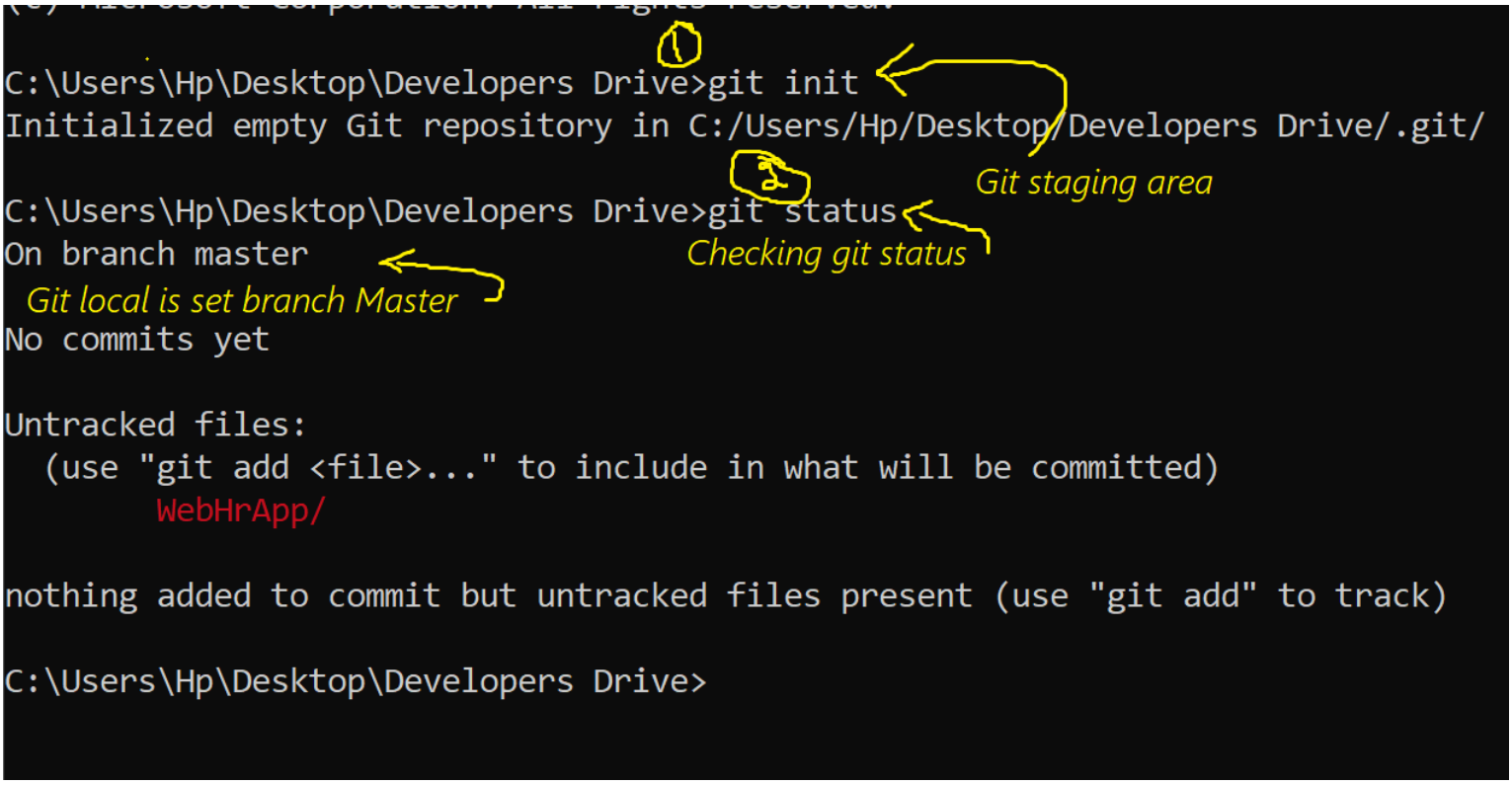
Such as : in below image



Git hub Notes

1) Initialize git staging area





In order to move code towards staging area

1) Git add –A
2) Git status in order to check the status (no impact)
3) Git commit –m “purpose of commit”

Impact after git commit : staging area is upto date and ready to push in master remote repository

In order to push code towards git hub central repository

```
C:\Users\Hp\Desktop\Developers Drive>git remote add myrepo https://github.com/fsdtrinings/batch1259_gitTest.git

C:\Users\Hp\Desktop\Developers Drive>git remote
myrepo

C:\Users\Hp\Desktop\Developers Drive>git push myrepo master
Enumerating objects: 38, done.
Counting objects: 100% (38/38), done.
Delta compression using up to 8 threads
Compressing objects: 100% (26/26), done.
Writing objects: 100% (38/38), 62.58 KiB | 3.68 MiB/s, done.
Total 38 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/fsdtrinings/batch1259_gitTest.git
 * [new branch]      master -> master
```

use git remote command

myrepo can be xyz , github url is the http link of the central repo

verify current remote name

puch project to remote branch

Creating ur branch and activating it

```
C:\Users\Hp\Desktop\Developers Drive>git status
On branch master
nothing to commit, working tree clean

C:\Users\Hp\Desktop\Developers Drive>git branch ashish

C:\Users\Hp\Desktop\Developers Drive>git branch --list
  ashish
* master

C:\Users\Hp\Desktop\Developers Drive>git checkout ashish
Switched to branch 'ashish'

C:\Users\Hp\Desktop\Developers Drive>git branch --list
* ashish
  master

C:\Users\Hp\Desktop\Developers Drive>
```

Pushing code to xyz branch

git push <location> <branch-Name>

```
C:\Users\Hp\Desktop\Developers Drive>git remote
myrepo

C:\Users\Hp\Desktop\Developers Drive>git push myrepo ashish
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'ashish' on GitHub by visiting:
remote:      https://github.com/fsdtrinings/batch1259_gitTest/pull/new/ashish
remote:
To https://github.com/fsdtrinings/batch1259_gitTest.git
 * [new branch]      ashish -> ashish

C:\Users\Hp\Desktop\Developers Drive>
```

puch code to xyz sub branch such as "ashish"

------ Whole project completed and time to merge code ----

```
C:\Users\Hp\Desktop\Developers Drive>git branch --list
* ashish
  master

C:\Users\Hp\Desktop\Developers Drive>git checkout master
Switched to branch 'master'

C:\Users\Hp\Desktop\Developers Drive>git branch --list
  ashish
* master

C:\Users\Hp\Desktop\Developers Drive>git merge ashish
Updating 1a70fd4..6fc4eef
Fast-forward
 WebHrApp/Ashish Task File.txt | 2 ++
 1 file changed, 2 insertions(+)
 create mode 100644 WebHrApp/Ashish Task File.txt

C:\Users\Hp\Desktop\Developers Drive>
```

verify current branch

move to actual main branch which is master

verify current branch again

merging master branch with child branch