

## SECTION 4:

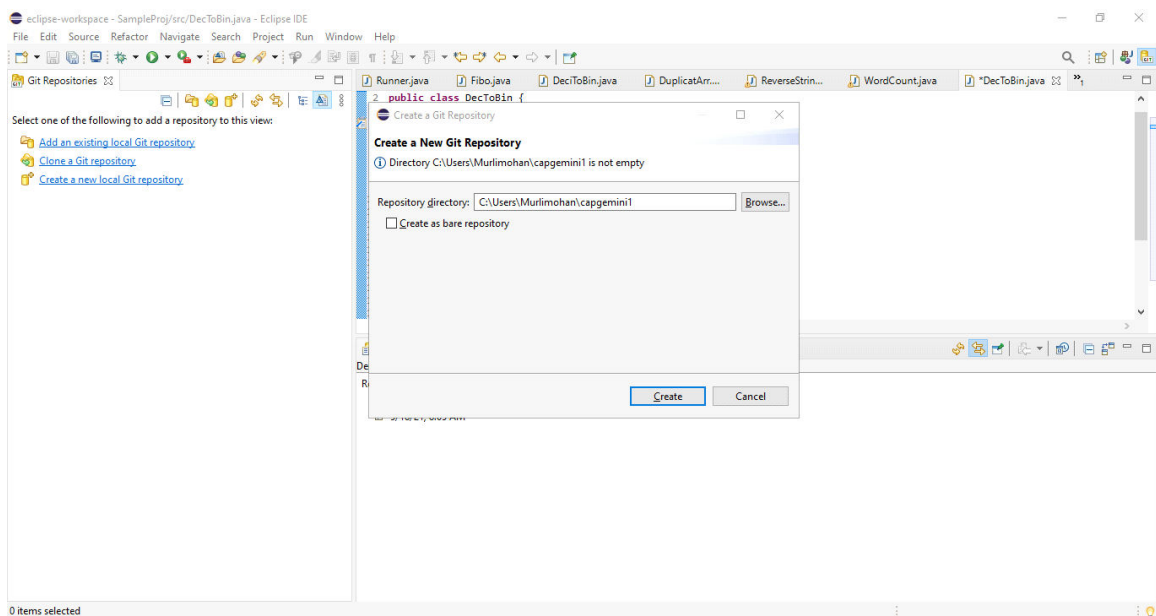
1. One developer from project team will create eclipse projects 'SapleProj' & add sample source code files. Then commit all files through eclipse GIT plugin.

step1: Create GitHub account and Signin

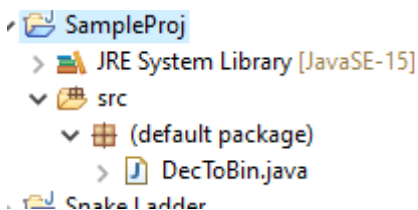
Step 2: Start a Project Create a repository

Step 3: Start Eclipse

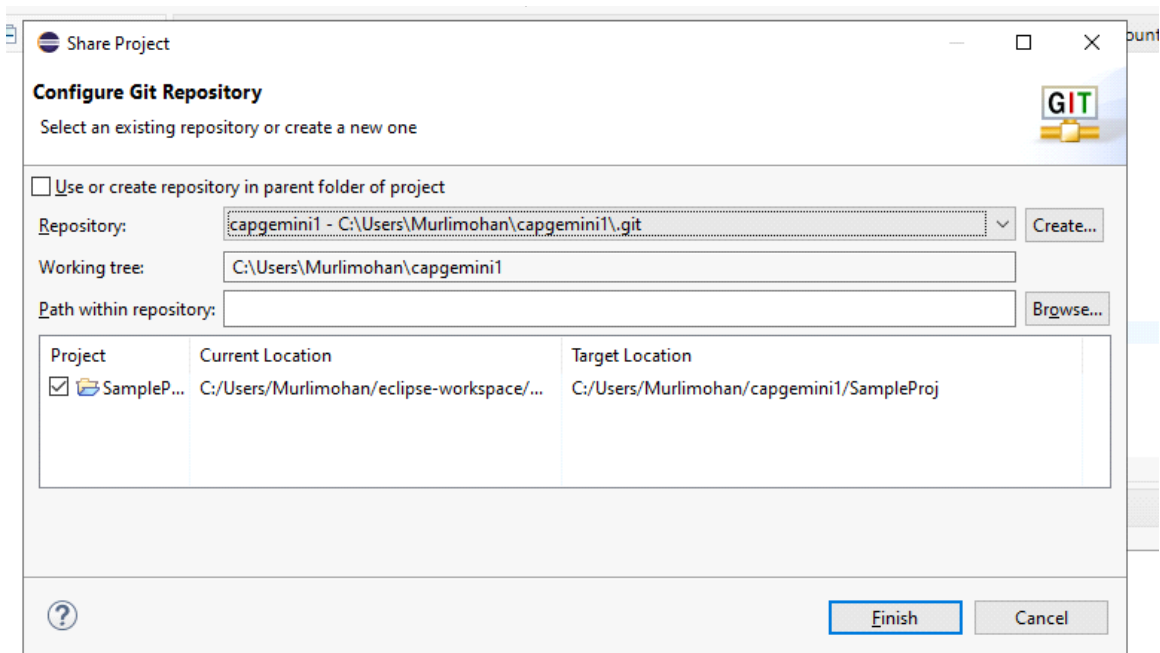
Step 4: Goto Perspective -> Git Repositories and click on Add Git Repo



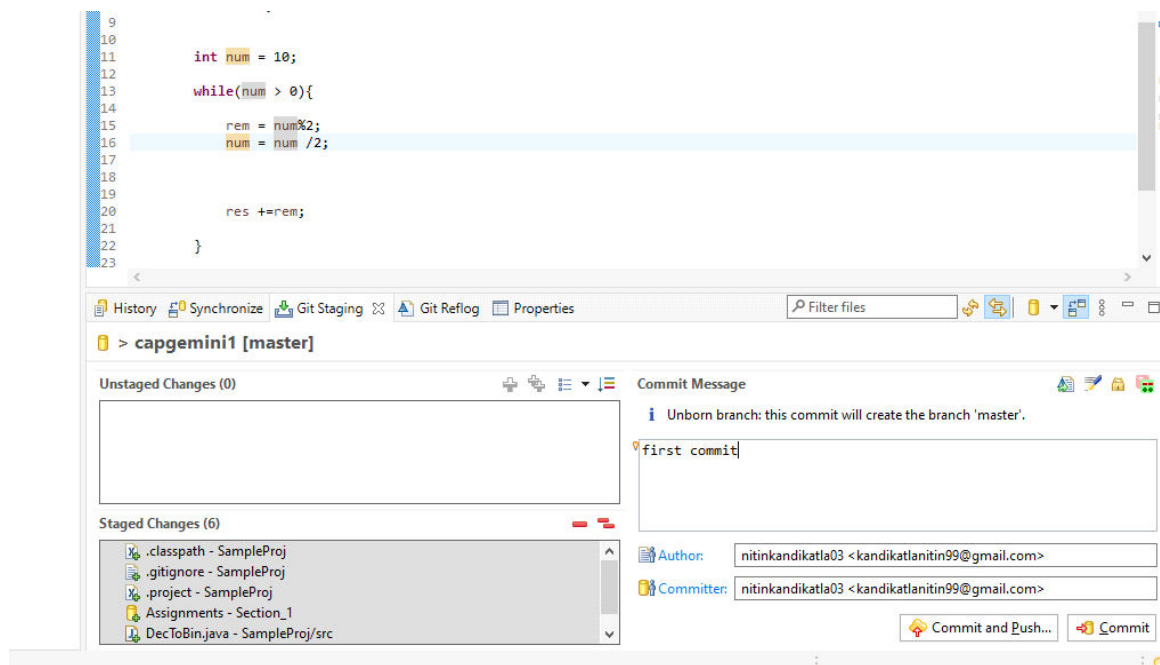
Step 5: Create a project in Eclipse How to Add Eclipse Project To



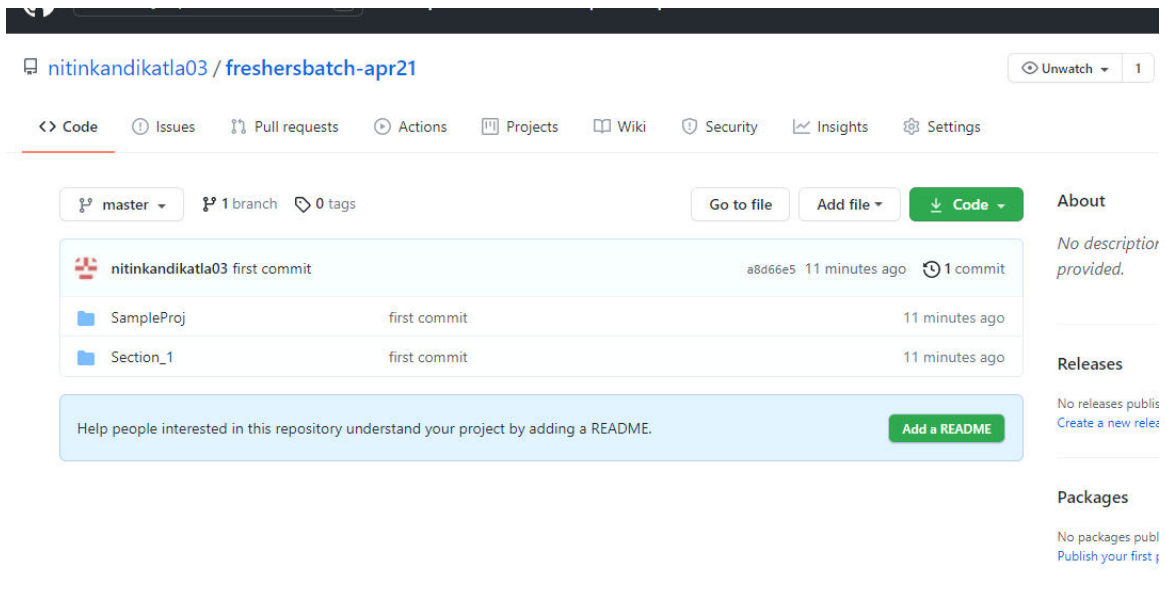
Step 6: Do a right click on Project > Team > Share > Add to git repo



Step 7: Commit and Push the project to the repo



Step 8: Commit and Push every change to the repo



2. Collaborate other team members with your github account so that they can also modify the committed files.

3. Other developers from same team will checkout all files from remote repository. This might get conflicts since certain files fail to merge. In such case, merge it manually.

4. Commit & push the 'Sample Proj' project.

---->Steps for Que 2,3 and 4

step 1. clone the repo from github.

```
https://github.com/nitinkandikatla03/freshersbatch-apr21.git
```

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/capgemini1/Section_4 (master)
```

```
$ cd SampleProj/
```

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini
```

```
$ git clone https://github.com/nitinkandikatla03/freshersbatch-apr21.git
```

```
Cloning into 'freshersbatch-apr21'...
```

```
remote: Enumerating objects: 11, done.  
remote: Counting objects: 100% (11/11), done.  
remote: Compressing objects: 100% (8/8), done.  
remote: Total 11 (delta 0), reused 11 (delta 0), pack-reused 0  
Receiving objects: 100% (11/11), done.
```

step 2:create branch and checkout to branchg

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini/freshersbatch-apr21 (master)
```

```
$ git branch javacode
```

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini/freshersbatch-apr21 (master)
```

```
$ git checkout javacode
```

```
Switched to branch 'javacode'
```

step3:add changes to file

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini/freshersbatch-apr21/SampleProj/src  
(javacode)
```

```
$ nano DecToBin.java
```

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini/freshersbatch-apr21/SampleProj/src  
(javacode)
```

```
$ git add DecToBin.java
```

step4:commit the changes

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini/freshersbatch-apr21/SampleProj/src  
(javacode)
```

```
$ git commit -m "Added content in DecToBin file"
```

```
[javacode 58b75af] Added content in DecToBin file
```

```
1 file changed, 4 insertions(+)
```

step 5: push your branch to github

```
MurLimohan@DESKTOP-9H7SK7N MINGW64 ~/Capgemini/freshersbatch-apr21/SampleProj/src  
(javacode)
```

```
$ git push -u origin javacode
```

```
Enumerating objects: 9, done.
```

Counting objects: 100% (9/9), done.

Delta compression using up to 2 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (5/5), 445 bytes | 222.00 KiB/s, done.

Total 5 (delta 2), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

remote:

remote: Create a pull request for 'javacode' on GitHub by visiting:

remote:

<https://github.com/nitinkandikatla03/freshersbatch-apr21/pull/new/javacode>

remote:

To <https://github.com/nitinkandikatla03/freshersbatch-apr21.git>

```
* [new branch]      javacode -> javacode
```

Branch 'javacode' set up to track remote branch 'javacode' from 'origin'.

Step 6: got to git hub find your branch and issue pull request

### Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

The screenshot shows the GitHub 'Open a pull request' page. At the top, it indicates the base branch is 'master' and the compare branch is 'javacode', with a green checkmark stating 'Able to merge'. Below this, the main content area shows 'Added content in DecToBin file' with a text editor containing the text 'added new class'. The right sidebar contains sections for Reviewers, Assignees, Labels, Projects, Milestone, and Linked issues. At the bottom, there is a green 'Create pull request' button.

Merged

Added content in DecToBin file #1

nitinkandikarla03 merged 1 commit into `master` from `javacode` 1 minute ago

added new class

Added content in DecToBin file

58b75af

nitinkandikarla03 merged commit `d701cf6` into `master` 1 minute ago

Revert

Pull request successfully merged and closed

You're all set—the `javacode` branch can be safely deleted.

Delete branch

Write

Preview

H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Comment

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked issues

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

Unsubscribe

You're receiving notifications because you're watching this repository.

Step 7: review request

Step 8: merge to master branch