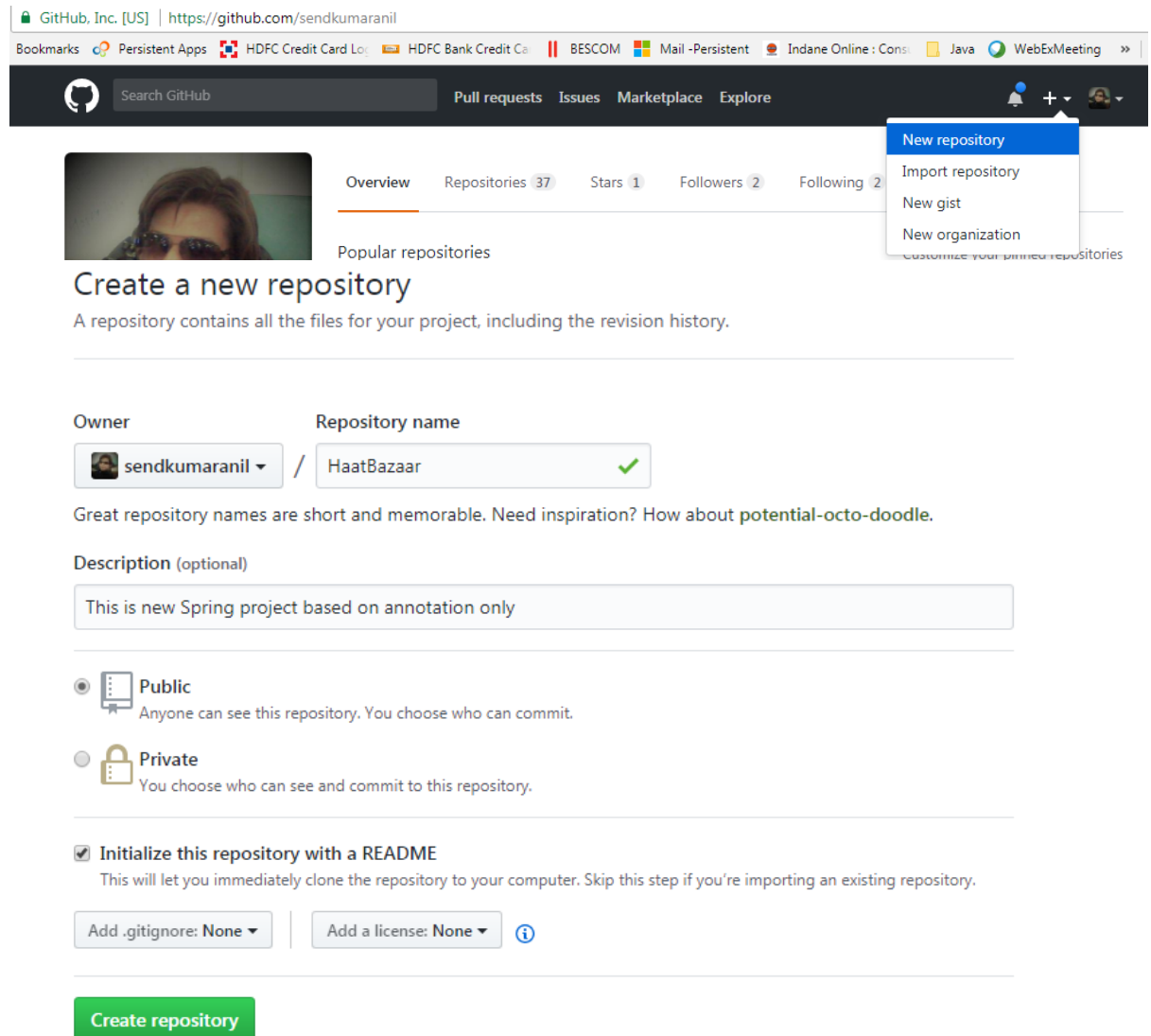


GitHub Code Versioning with command prompt:

Install Git Bash for window system at your machine.

Create new user at GitHub: <https://github.com/>

Create New Repository in GitHub.



GitHub, Inc. [US] | <https://github.com/sendkumaranil>

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Popular repositories

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner Repository name

sendkumaranil / HaatBazaar

Great repository names are short and memorable. Need inspiration? How about **potential-octo-doodle**.

Description (optional)

This is new Spring project based on annotation only

☒ Public Anyone can see this repository. You choose who can commit.

☐ Private You choose who can see and commit to this repository.

☒ Initialize this repository with a README This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None Add a license: None

Create repository

The first branch will be master branch which will create automatically.

sendkumaranil / HaatBazaar

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This is new Spring project based on annotation only [Add topics](#) [Edit](#)

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

sendkumaranil Initial commit Latest commit 661f929 just now

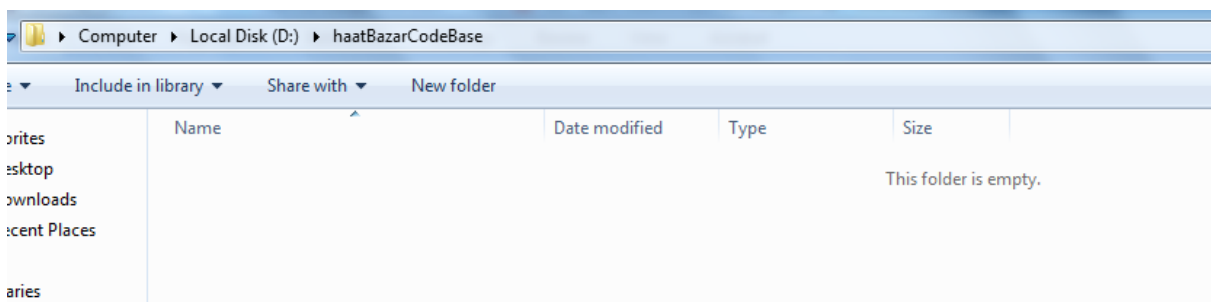
README.md Initial commit just now

README.md

HaatBazaar

This is new Spring project based on annotation only

Create working directory at your local system.



Now clone your repository from GitHub to local system.

Copy the URL from GitHub:

sendkumaranil / HaatBazaar

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This is new Spring project based on annotation only [Add topics](#) [Edit](#)

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

sendkumaranil Initial commit Latest commit 661f929 just now

README.md Initial commit just now

README.md

HaatBazaar

Clone with HTTPS [Use SSH](#)

Use Git or checkout with SVN using the web URL.

<https://github.com/sendkumaranil/HaatBazaar>

[Open in Desktop](#) [Download ZIP](#)

Now Open Git Bash Command Line Editor with your working directory

```
Administrator: Git CMD
D:\>cd D:\haatBazarCodeBase
D:\haatBazarCodeBase>
```

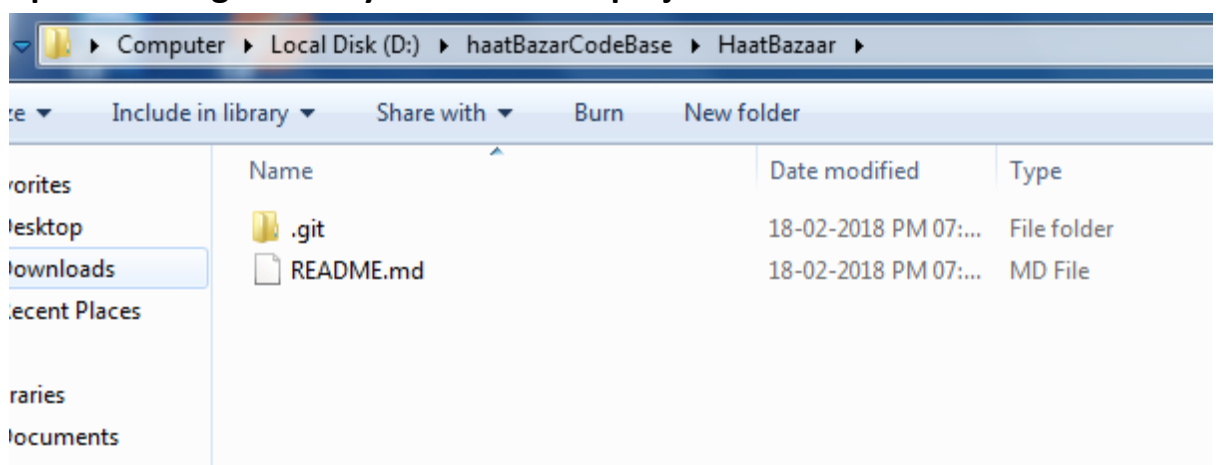
Now type the following command for cloning the repository at your local working directory:

Git clone <repo URL>

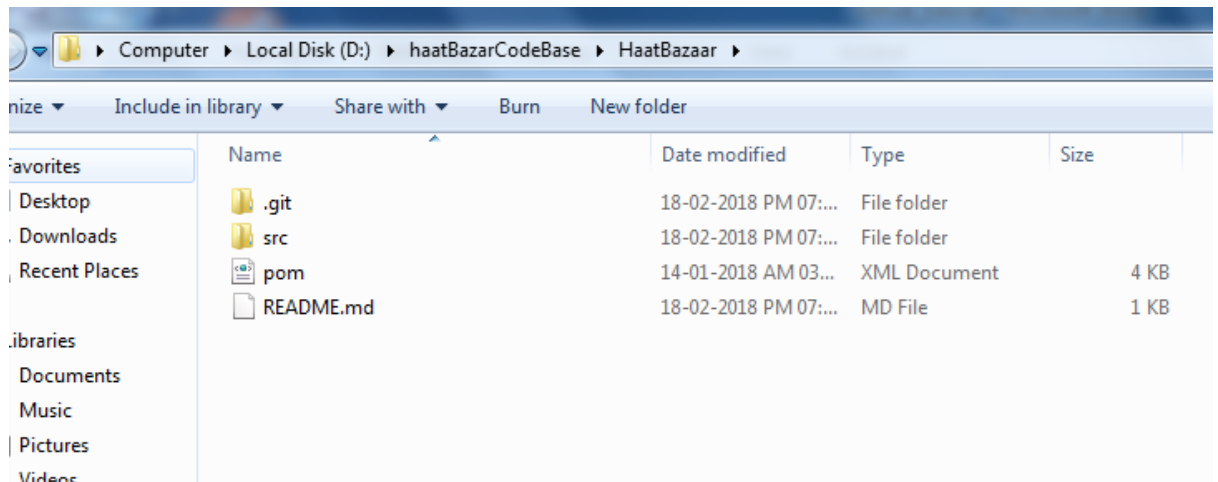
```
Administrator: Git CMD
D:\>cd D:\haatBazarCodeBase
D:\haatBazarCodeBase>git clone https://github.com/sendkumaranil/HaatBazaar.git
```

```
Administrator: Git CMD
D:\>cd D:\haatBazarCodeBase
D:\haatBazarCodeBase>git clone https://github.com/sendkumaranil/HaatBazaar.git
Cloning into 'HaatBazaar'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
D:\haatBazarCodeBase>
```

Open Working directory and check the project:



Now add your projects here.



Now open command prompt and commit the code to GitHub:

```
Administrator: Git CMD
D:\haatBazarCodeBase\HaatBazaar>git log
HEAD -> master origin/master origin/HEAD
Author: Anil Kumar <sendkumaranil@gmail.com>
Date: Sun Feb 18 19:27:08 2018 +0530

Initial commit
D:\haatBazarCodeBase\HaatBazaar>git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)

    pom.xml
    src/

nothing added to commit but untracked files present (use "git add" to track)
D:\haatBazarCodeBase\HaatBazaar>
```

Type **git add .** <add all modified files to stage>

Then Commit the code with message.

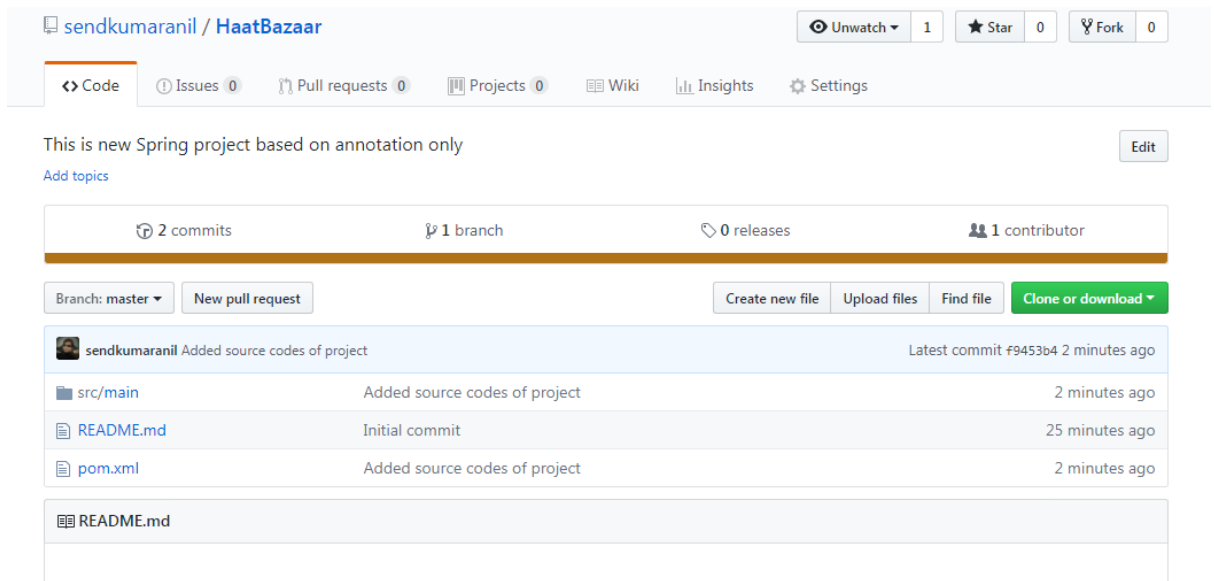
Type **git commit -m "Added source code of project"**

Then Push the code to origin GitHub

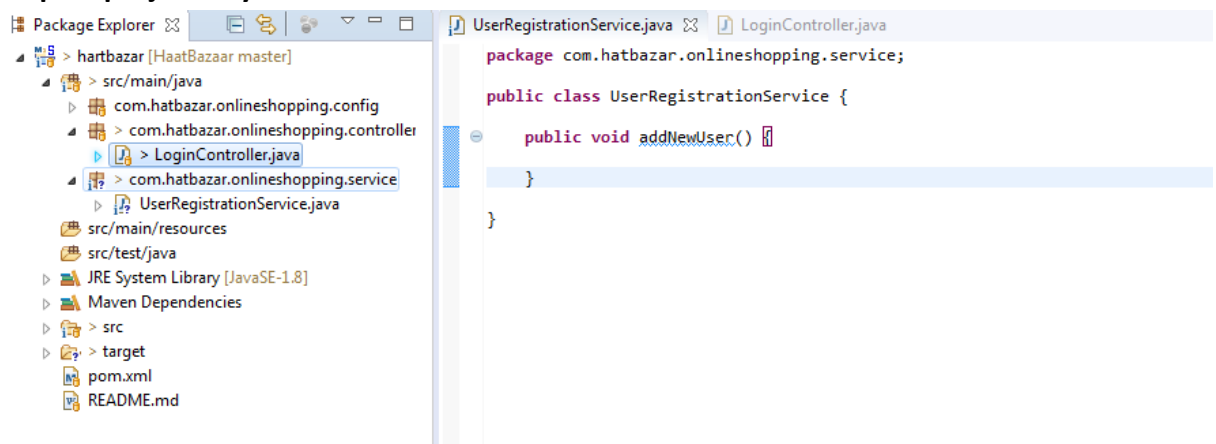
Type **git push**

```
D:\haatBazarCodeBase\HaatBazaar>git add .
D:\haatBazarCodeBase\HaatBazaar>git commit -m "Added source codes of project"
[master f9453b4] Added source codes of project
6 files changed, 202 insertions(+)
 create mode 100644 pom.xml
 create mode 100644 src/main/java/com/hatbazar/onlineshopping/config/HatBazarWebInitializer.java
 create mode 100644 src/main/java/com/hatbazar/onlineshopping/config/HatBazarConfigContext.java
 create mode 100644 src/main/java/com/hatbazar/onlineshopping/controller/LoginController.java
 create mode 100644 src/main/webapp/WEB-INF/views/login.jsp
 create mode 100644 src/main/webapp/WEB-INF/views/welcome.jsp
D:\haatBazarCodeBase\HaatBazaar>git push
Counting objects: 19, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (12/12), done.
Writing objects: 100% (19/19), 2.88 KiB | 737.00 KiB/s, done.
Total 19 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/sendkumaranil/HaatBazaar.git
 661f929..f9453b4 master -> master
D:\haatBazarCodeBase\HaatBazaar>
```

Now Open GitHub Repo and refresh and check the modified project



Import project at your IDE and create new file:



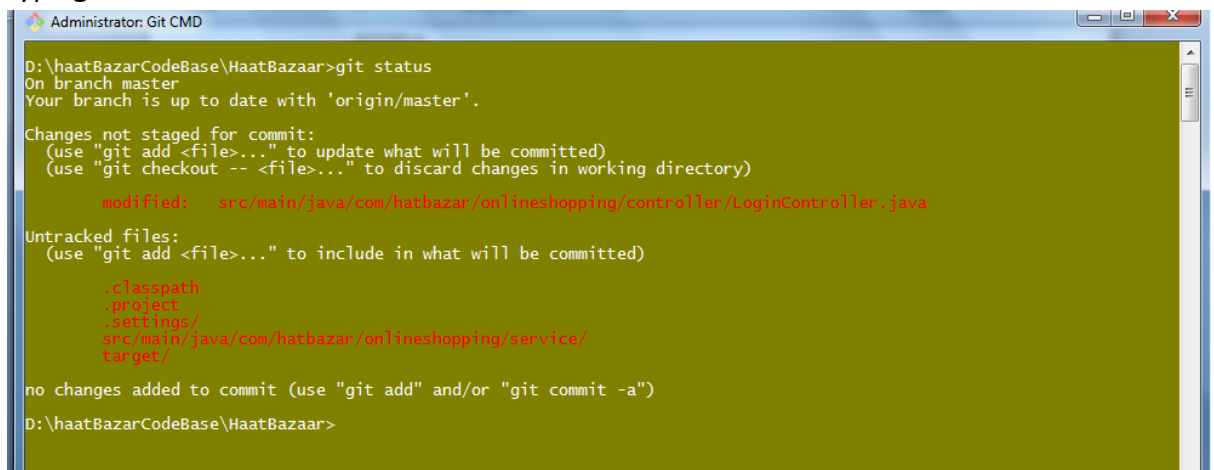
New file which is created at local working directory will show as symbol “?” at file.

And modify existing file will show “>” symbol at file.

Now commit your code and push to GitHub origin Open GitBash Command

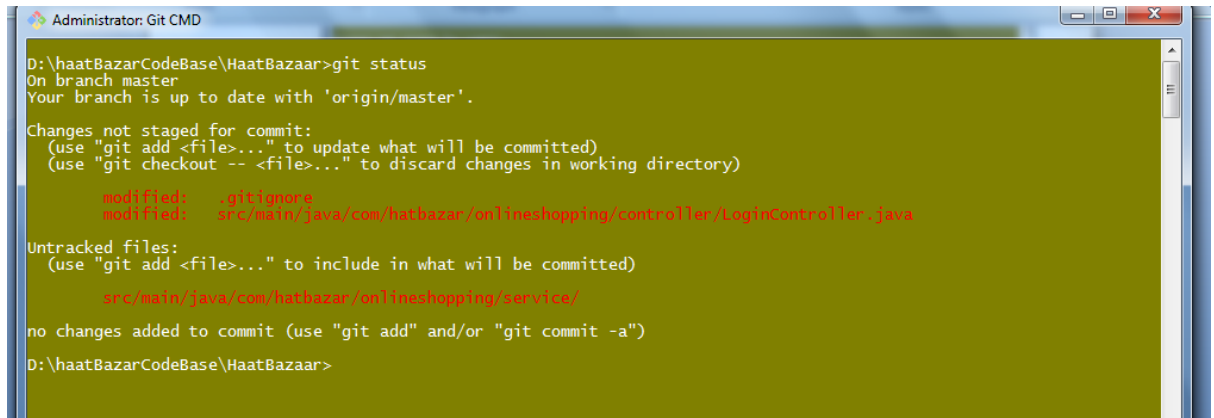
Prompt:

Type **git status**



Status will show your all local modified files. *here you can see all unwanted files also coming e.g .classpath, .project .setting etc

You can omit/skip these files by adding .gitignore file and add these file name.



```
Administrator: Git CMD
D:\haatBazarCodeBase\HaatBazaar>git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

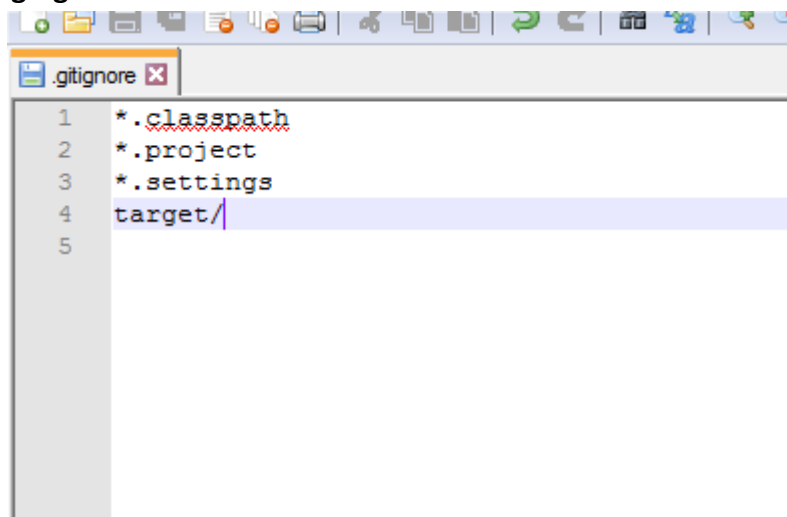
        modified:   .gitignore
        modified:   src/main/java/com/hatbazar/onlineshopping/controller/LoginController.java

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        src/main/java/com/hatbazar/onlineshopping/service/

no changes added to commit (use "git add" and/or "git commit -a")
D:\haatBazarCodeBase\HaatBazaar>
```

.gitignore file content:



```
.gitignore
1 *.classpath
2 *.project
3 *.settings
4 target/
5
```

Now first add all modified files to stage

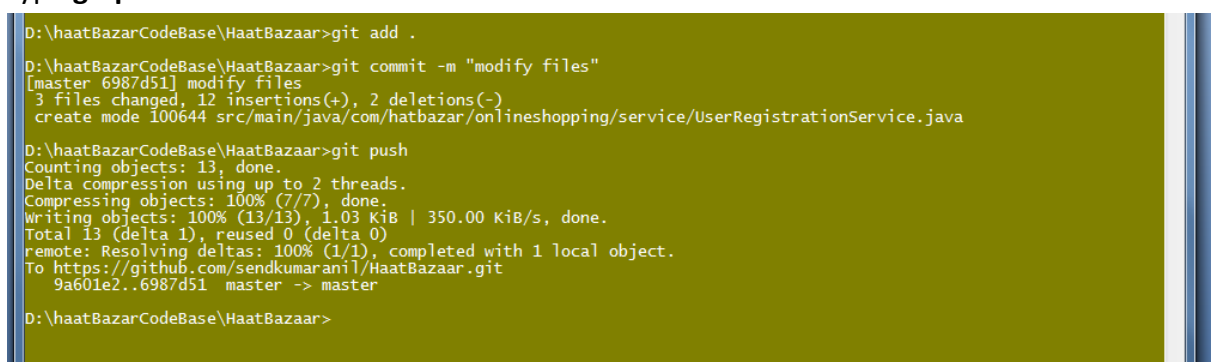
Type **git add .**

Then commit all code with message

Type **git commit -m "modify files"**

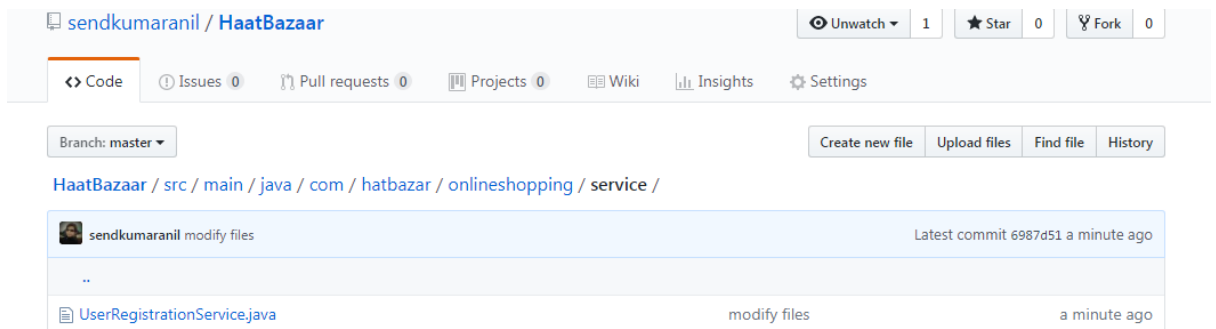
Then push the code to Origin GitHub

Type **git push**

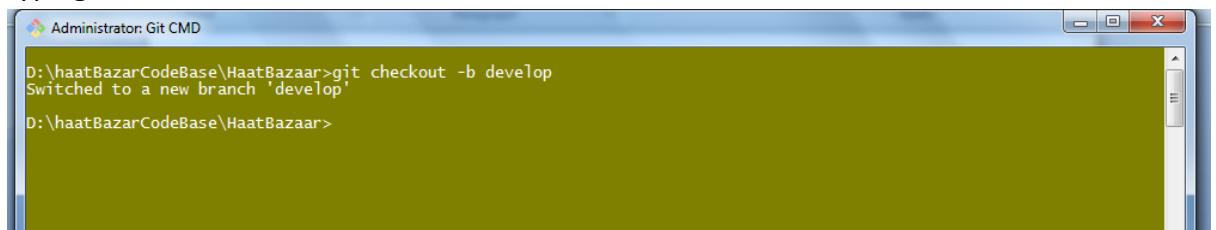


```
D:\haatBazarCodeBase\HaatBazaar>git add .
D:\haatBazarCodeBase\HaatBazaar>git commit -m "modify files"
[master 6987d51] modify files
3 files changed, 12 insertions(+), 2 deletions(-)
create mode 100644 src/main/java/com/hatbazar/onlineshopping/service/UserRegistrationService.java
D:\haatBazarCodeBase\HaatBazaar>git push
Counting objects: 13, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (7/7), done.
Writing objects: 100% (13/13), 1.03 KiB | 350.00 KiB/s, done.
Total 13 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sendkumaranil/HaatBazaar.git
9a601e2..6987d51 master -> master
D:\haatBazarCodeBase\HaatBazaar>
```

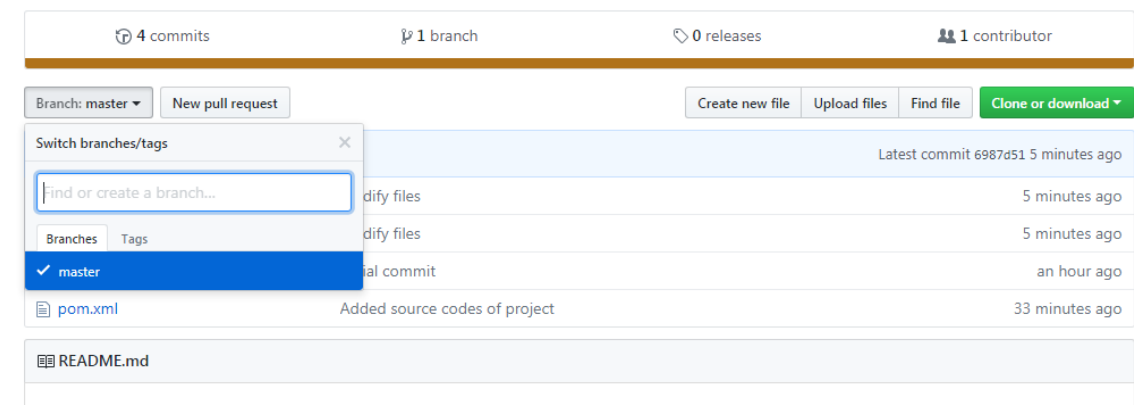
Now Open GitHub and check changes:



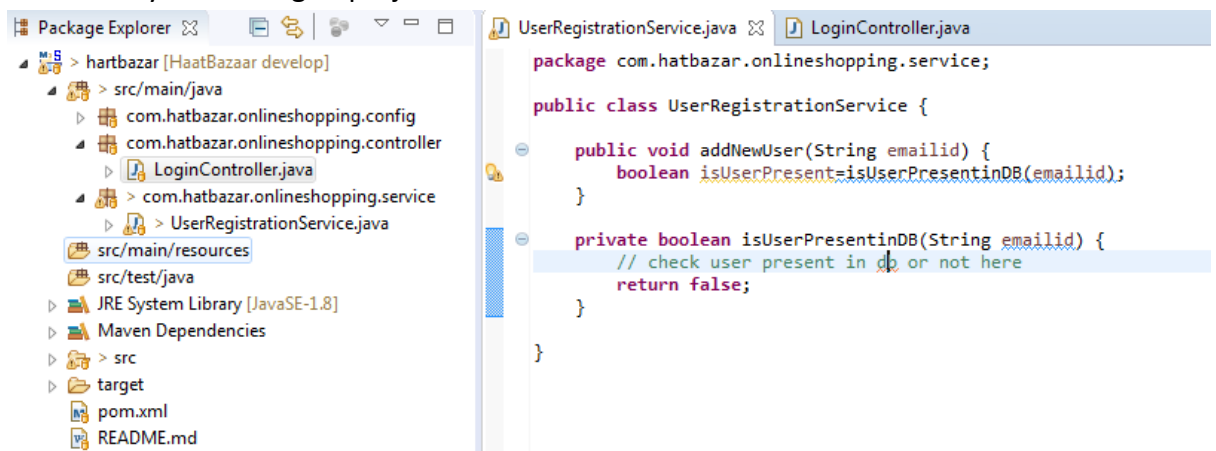
Now create new branch: open command prompt and
Type **git checkout -b <new branch name>**



Now new branch develop has been created
If you see GitHub repo then only master branch will show:



Now modify something to project and commit the code with new branch



Now open Git Bash and check status this will show modified file with develop branch
Type **git status**

```
Administrator: Git CMD

D:\haatBazarCodeBase\HaatBazaar>git checkout -b develop
Switched to a new branch 'develop'

D:\haatBazarCodeBase\HaatBazaar>git status
On branch develop
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   src/main/java/com/hatbazar/onlineShopping/service/UserRegistrationService.java

no changes added to commit (use "git add" and/or "git commit -a")
D:\haatBazarCodeBase\HaatBazaar>
```

Now commit and push the code to GitHub:

This will show created new branch has to be upstream first.

```
D:\haatBazarCodeBase\HaatBazaar>git add .
D:\haatBazarCodeBase\HaatBazaar>git commit -m "created new branch"
[develop e036b1d] created new branch
1 file changed, 7 insertions(+), 2 deletions(-)

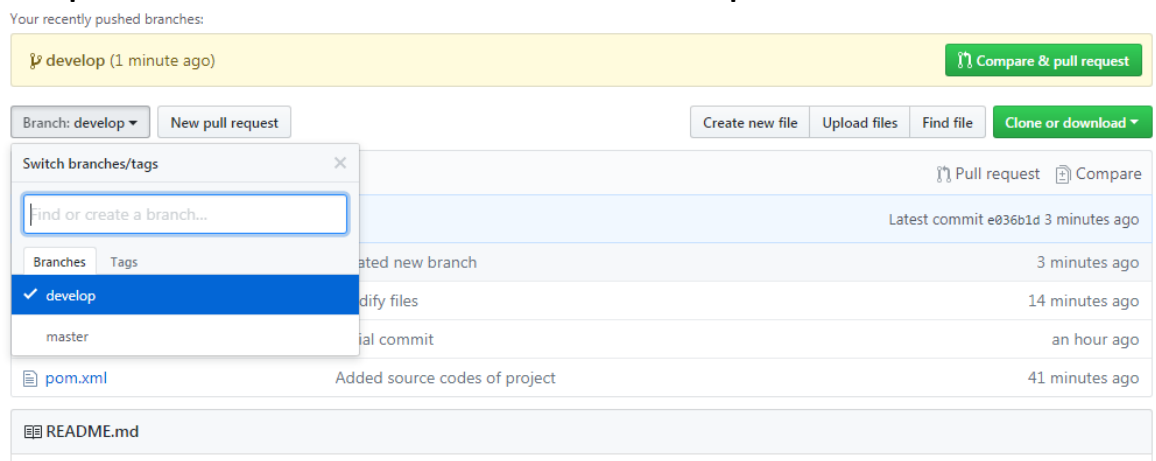
D:\haatBazarCodeBase\HaatBazaar>git push
fatal: The current branch develop has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin develop

D:\haatBazarCodeBase\HaatBazaar>git push --set-upstream origin develop
Counting objects: 10, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (10/10), 815 bytes | 407.00 KiB/s, done.
Total 10 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/sendkumaranil/HaatBazaar.git
 * [new branch]      develop -> develop
Branch 'develop' set up to track remote branch 'develop' from 'origin'.

D:\haatBazarCodeBase\HaatBazaar>
```

Now open GitHub and check new created branch develop



Now you can commit your code to separate branch and finally merge the branch

Now the modified code will be not available at master branch

Master branch code:

Branch: master ▼ Find file Copy path

HaatBazaar / src / main / java / com / hatbazar / onlineshopping / service / UserRegistrationService.java

sendkumaranil modify files 6987d51 16 minutes ago

1 contributor

10 lines (5 sloc) | 124 Bytes Raw Blame History

```
1 package com.hatbazar.onlineshopping.service;
2
3 public class UserRegistrationService {
4
5     public void addNewUser() {
6
7     }
8
9 }
```

Develop branch code:

Branch: develop ▼ Find file Copy path

HaatBazaar / src / main / java / com / hatbazar / onlineshopping / service / UserRegistrationService.java

sendkumaranil created new branch e036b1d 6 minutes ago

1 contributor

15 lines (10 sloc) | 303 Bytes Raw Blame History

```
1 package com.hatbazar.onlineshopping.service;
2
3 public class UserRegistrationService {
4
5     public void addNewUser(String emailid) {
6         boolean isUserPresent=isUserPresentinDB(emailid);
7     }
8
9     private boolean isUserPresentinDB(String emailid) {
10         // check user present in db or not here
11         return false;
12     }
13
14 }
```

Now you can merge your final code to master branch

```
Administrator: Git CMD
D:\haatBazarCodeBase\HaatBazaar>git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

D:\haatBazarCodeBase\HaatBazaar>git merge develop
Updating 6987d51..e036b1d
Fast-forward
 .../hatbazar/onlineshopping/service/UserRegistrationService.java | 9 ++++++--
 1 file changed, 7 insertions(+), 2 deletions(-)

D:\haatBazarCodeBase\HaatBazaar>git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

D:\haatBazarCodeBase\HaatBazaar>git add .

D:\haatBazarCodeBase\HaatBazaar>git commit -m "merged develop branch with master"
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

D:\haatBazarCodeBase\HaatBazaar>git push
Total 0 (delta 0), reused 0 (delta 0)
To https://github.com/sendkumaranil/HaatBazaar.git
 6987d51..e036b1d  master -> master


D:\haatBazarCodeBase\HaatBazaar>
```

Now open GitHub master branch which will be updated

Branch: master ▾

Find file Copy path

[HaatBazaar](#) / [src](#) / [main](#) / [java](#) / [com](#) / [hatbazar](#) / [onlineshopping](#) / [service](#) / [UserRegistrationService.java](#)

 sendkumaranil created new branch

e036b1d 9 minutes ago

1 contributor

15 lines (10 sloc) | 303 Bytes

Raw

Blame

History



```
1 package com.hatbazar.onlineshopping.service;
2
3 public class UserRegistrationService {
4
5     public void addNewUser(String emailid) {
6         boolean isUserPresent=isUserPresentinDB(emailid);
7     }
8
9     private boolean isUserPresentinDB(String emailid) {
10         // check user present in db or not here
11         return false;
12     }
13
14 }
```