

# Assignment SCM With Git

## 1. Creating Local Git Repository:

```
SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project
$ git init
Initialized empty Git repository in C:/Users/SHAM/OneDrive/Desktop/Git project/.git/

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ |
```

## 2. Move the entire code base to it:

```
SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git add .
warning: in the working copy of 'css/site.css', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git commit -m first commit
error: pathspec 'commit' did not match any file(s) known to git

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git commit -m "first commit"
[master (root-commit) bfc54cb] first commit
9 files changed, 198 insertions(+)
create mode 100644 css/site.css
create mode 100644 fonts/segoeui.ttf
create mode 100644 img/clonewhite.svg
create mode 100644 img/deploywhite.svg
create mode 100644 img/lightbulbwhite.svg
create mode 100644 img/stackwhite.svg
create mode 100644 img/successCloudNew.svg
create mode 100644 img/tweetThis.svg
create mode 100644 index.html

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git status
On branch master
nothing to commit, working tree clean

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ |
```

## 3. Created a New Branch for a New Feature:

```
SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git checkout -b new-feature
Switched to a new branch 'new-feature'

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ git status
On branch new-feature
nothing to commit, working tree clean

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ |
```

#### 4. Made the necessary code changes for the new feature:

```
SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ ls
css/  fonts/  img/  index.html

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ vi index.html

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ git status
On branch new-feature
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ git add .
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next
time Git touches it

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ git commit -m "implimented new feature"
[new-feature 885d2cb] implimented new feature
1 file changed, 1 insertion(+), 1 deletion(-)

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ git status
On branch new-feature
nothing to commit, working tree clean

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ |
```

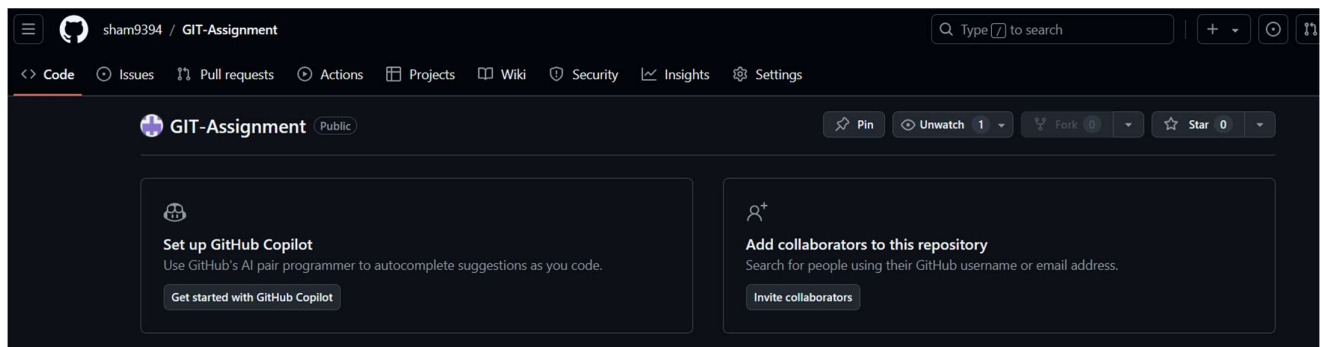
#### 5. Merging the feature Branch with the Master Branch:

```
SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (new-feature)
$ git checkout master
Switched to branch 'master'

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git merge new-feature
Updating bfc54cb..885d2cb
Fast-forward
 index.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ |
```

#### 6. Created a remote repository:



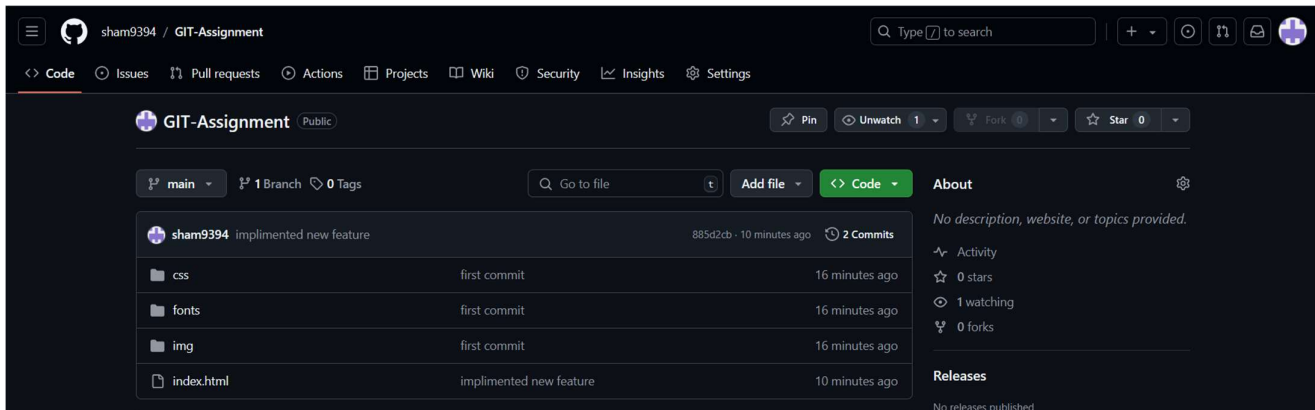
## 7. Pushed all the code the local repository to remote repository:

```
SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git remote add origin https://github.com/sham9394/GIT-Assignment.git

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (master)
$ git branch -M main

SHAM@Shams-PC MINGW64 ~/OneDrive/Desktop/Git project (main)
$ git push -u origin main
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 8 threads
Compressing objects: 100% (15/15), done.
Writing objects: 100% (17/17), 460.64 KiB | 6.49 MiB/s, done.
Total 17 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/sham9394/GIT-Assignment.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

## 8. Code available on remote repository:



The screenshot shows the GitHub interface for a repository named "GIT-Assignment" by user "sham9394". The repository is public and has 1 branch (main) and 0 tags. The main branch is selected, showing a commit history table with 2 commits. The commit history table lists the following files and their commit details:

File	Commit Message	Commit Hash	Time
css	first commit	885d2cb	16 minutes ago
fonts	first commit	885d2cb	16 minutes ago
img	first commit	885d2cb	16 minutes ago
index.html	implimented new feature	885d2cb	10 minutes ago

The right sidebar shows the repository's activity, including 0 stars, 1 watching, and 0 forks. The "About" section indicates no description, website, or topics provided. The "Releases" section shows no releases published.