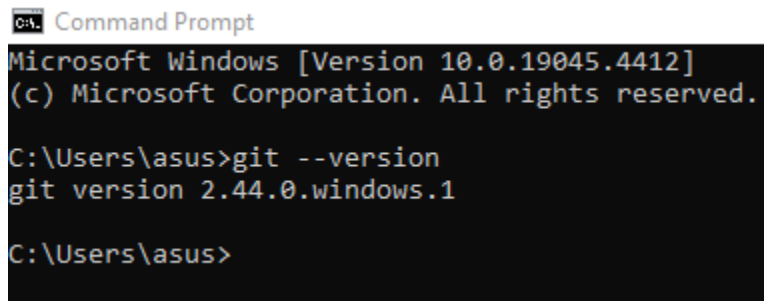


Name: Neo Zulkarnain Masthur

NIM: 1204220051

Class: IS-05-02

1. Instalasi dan Konfigurasi GIT

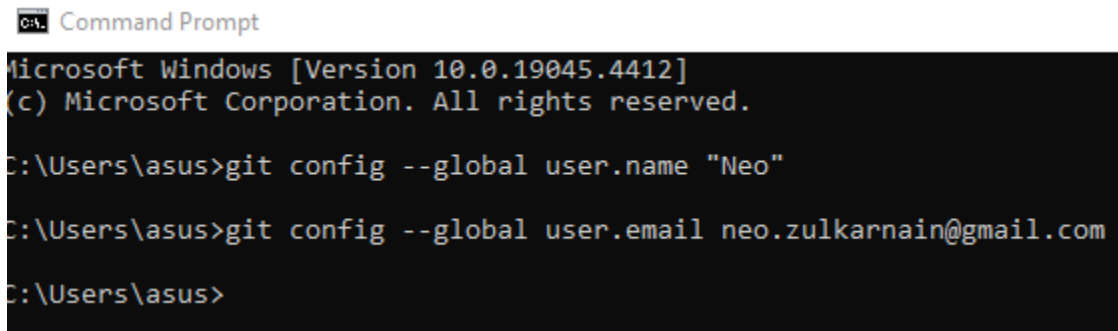


```
Command Prompt
Microsoft Windows [Version 10.0.19045.4412]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asus>git --version
git version 2.44.0.windows.1

C:\Users\asus>
```

Gambar 1 GitBash successfully and installed



```
Command Prompt
Microsoft Windows [Version 10.0.19045.4412]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asus>git config --global user.name "Neo"

C:\Users\asus>git config --global user.email neo.zulkarnain@gmail.com

C:\Users\asus>
```

Gambar 2 Name and Email configured onto Git

```
C:\> Command Prompt

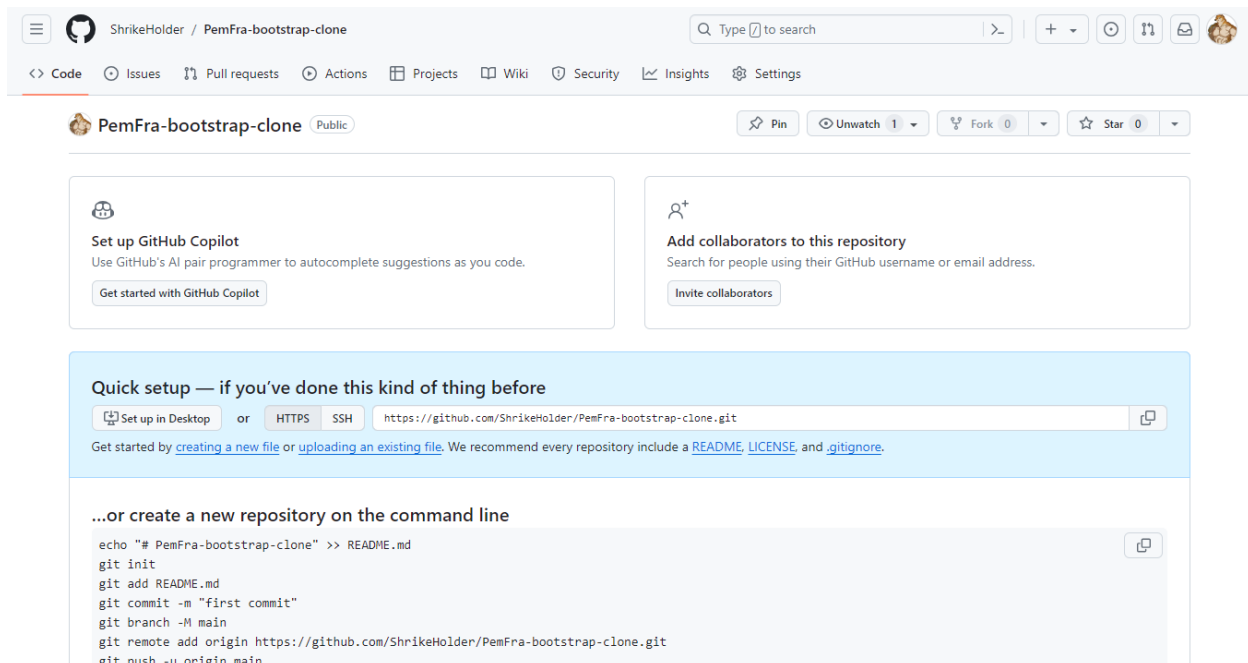
Microsoft Windows [Version 10.0.19045.4412]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asus>git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=D:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Neo
user.email=neo.zulkarnain@gmail.com
difftool.sourcetree.cmd=''
mergetool.sourcetree.cmd=''
mergetool.sourcetree.trustexitcode=true

C:\Users\asus>
```

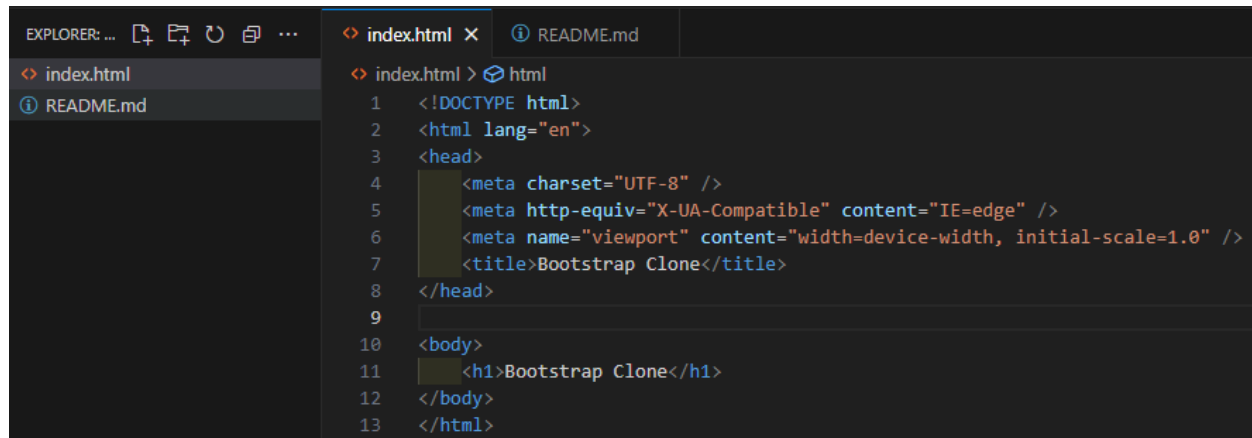
Gambar 3 Successfully configured

2. Membuat Repository Baru pada Github



Gambar 4 Repository created

3. Inisiasi Awal Direktori Project pada Local Computer



Gambar 5 Folder and file created with given code

4. Arahkan Direktori Project pada Local Computer ke Github Repository

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git init
Initialized empty Git repository in C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone\.git\
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

Gambar 6 Git initialized

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

Gambar 7 Current status shown (files not added for committing)

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git add .
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   README.md
        new file:   index.html

PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

Gambar 8 After adding all the files using "add ." to commit

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git commit -m "Inisialisasi awal"
[master (root-commit) 9ec1b66] Inisialisasi awal
 2 files changed, 16 insertions(+)
 create mode 100644 README.md
 create mode 100644 index.html
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

Gambar 9 First initiation

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git branch
* master
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> 
```

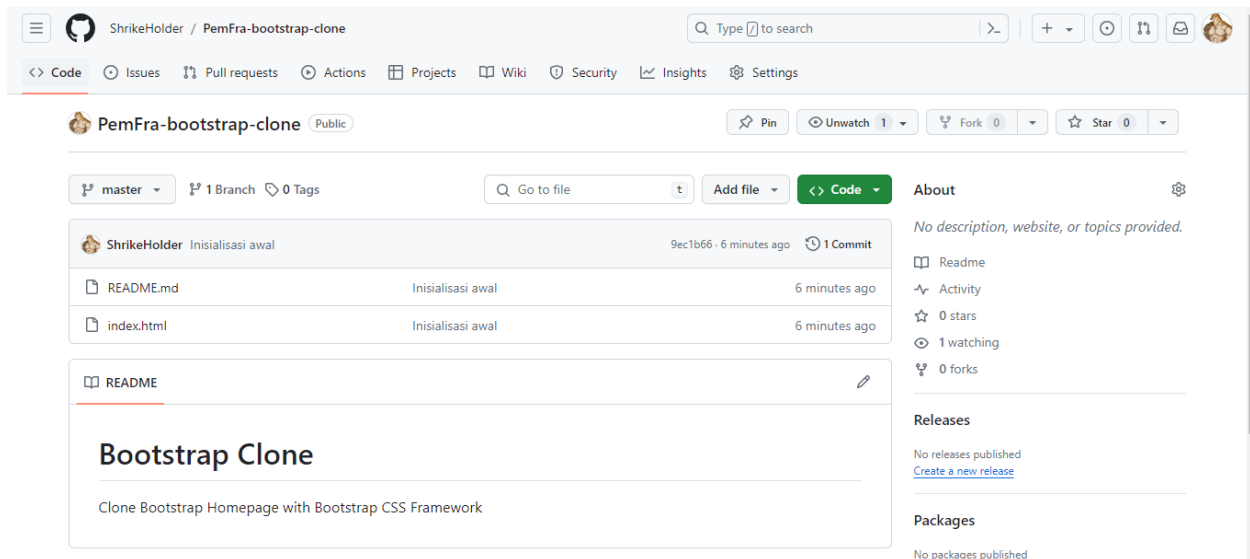
Gambar 10 Current branch

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git remote add origin https://github.com/ShrikeHolder/PemFra-bootstrap-clone.git
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> 
```

Gambar 11 Linked to the repository

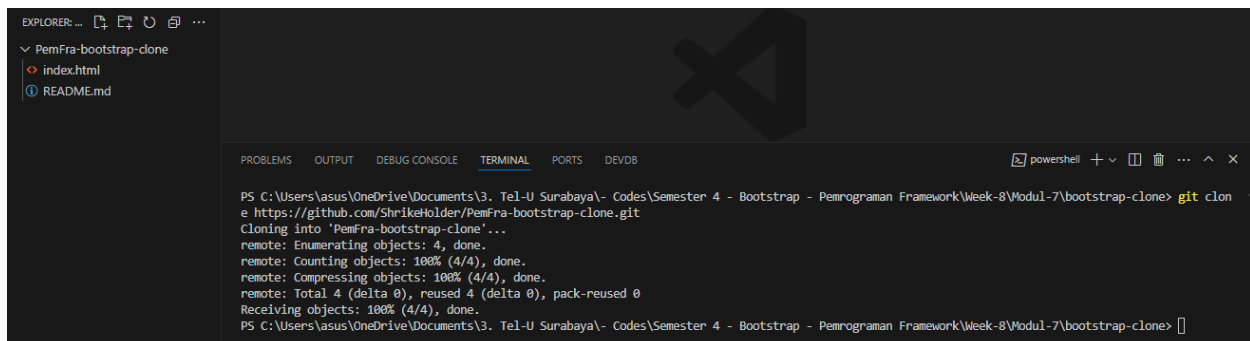
```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 509 bytes | 254.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShrikeHolder/PemFra-bootstrap-clone.git
 * [new branch] master -> master
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> 
```

Gambar 12 Pushed from Local to Repository Server



Gambar 13 Success

5. Menyalin Project yang Sudah Ada pada Repository Github

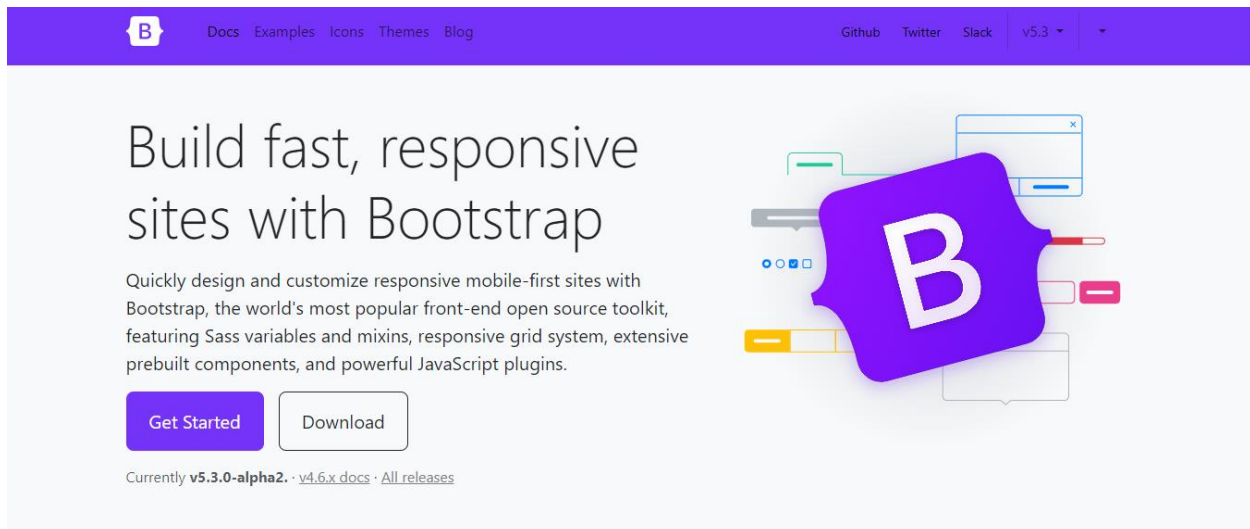


Gambar 14 Successfully cloned

6. Buat Percabangan (Branch) Baru untuk Kegiatan Develop Kode Program

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git branch develop
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git branch
* master
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git checkout develop
D      README.md
D      index.html
Switched to branch 'develop'
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

Gambar 15 Created a new branch other than master and switched to it



Gambar 16 Current display from the given code

7. Bawa Perubahan Kode Program ke Remote Repository Github

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git status
On branch develop
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

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

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

Gambar 17 haven't added changed files for committing

```
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git add .
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   assets/css/style.css
    new file:   assets/images/bs-icons.png
    new file:   assets/images/bs-themes.png
    new file:   assets/images/logo-black.svg
    new file:   assets/images/logo-white.svg
    new file:   assets/images/main.svg
    modified:   index.html

PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> []
```

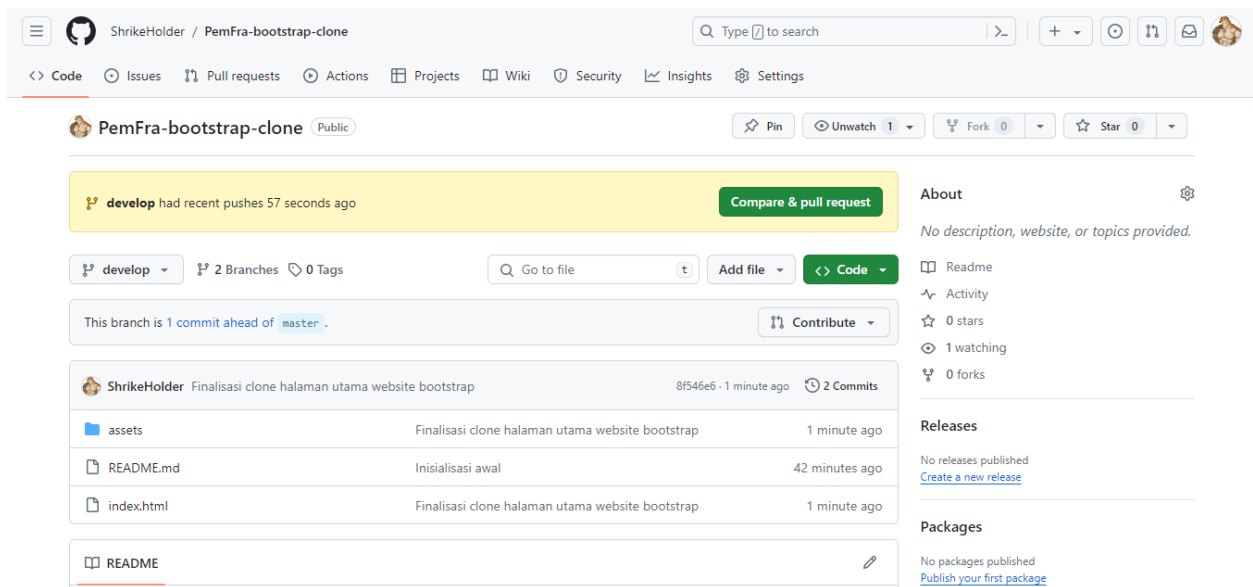
Gambar 18 Files added, ready for committing

```

PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git commit -m "Finalisasi clone halaman u
tama website bootstrap"
[develop 8f546e6] Finalisasi clone halaman utama website bootstrap
7 files changed, 317 insertions(+), 1 deletion(-)
create mode 100644 assets/css/style.css
create mode 100644 assets/images/bs-icons.png
create mode 100644 assets/images/bs-themes.png
create mode 100644 assets/images/logo-black.svg
create mode 100644 assets/images/logo-white.svg
create mode 100644 assets/images/main.svg
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git push origin develop
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (12/12), 401.70 KiB | 5.15 MiB/s, done.
Total 12 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:   https://github.com/ShrikeHolder/PemFra-bootstrap-clone/pull/new/develop
remote:
To https://github.com/ShrikeHolder/PemFra-bootstrap-clone.git
 * [new branch]      develop -> develop
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone>

```

Gambar 19 Files committed and pushed into the Repository Server

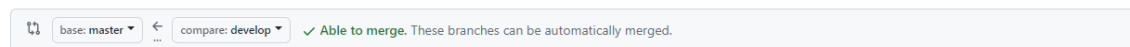


Gambar 20 Successfully added in the "develop" branch

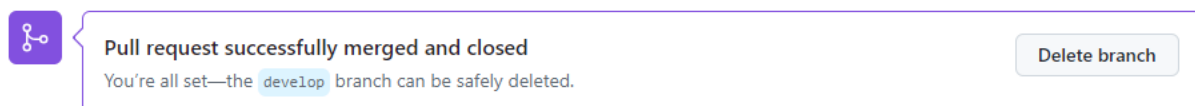
8. Buat Pull Request untuk Kegiatan Code Review dan Merge ke Branch Utama

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).



Gambar 21 Branches ready for merging



Gambar 22 Branches merged and now "master" branch contains files from "develop" branch

9. Mengambil Kode Program Terbaru dari Remote Repository Github

```

PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git branch
* develop
  master
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git checkout master
Switched to branch 'master'
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> git pull origin master
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 922 bytes | 83.00 KiB/s, done.
From https://github.com/ShrikeHolder/PemFra-bootstrap-clone
* branch      master      -> FETCH HEAD
  9ec1b66..08a99e4 master  -> origin/master
Updating 9ec1b66..08a99e4
Fast-forward
 assets/css/style.css      | 17 +++
 assets/images/bs-icons.png | Bin 0 -> 125571 bytes
 assets/images/bs-themes.png | Bin 0 -> 278159 bytes
 assets/images/logo-black.svg | 1 +
 assets/images/logo-white.svg | 1 +
 assets/images/main.svg      | 1 +
 index.html                | 298 ++++++
7 files changed, 317 insertions(+), 1 deletion(-)
create mode 100644 assets/css/style.css
create mode 100644 assets/images/bs-icons.png
create mode 100644 assets/images/bs-themes.png
create mode 100644 assets/images/logo-black.svg
create mode 100644 assets/images/logo-white.svg
create mode 100644 assets/images/main.svg
PS C:\Users\asus\OneDrive\Documents\3. Tel-U Surabaya\ - Codes\Semester 4 - Bootstrap - Pemrograman Framework\Week-8\Modul-7\bootstrap-clone> 

```

Gambar 23 Changed to "master" branch then pulled

11. Tugas

<https://github.com/ShrikeHolder/PemFra-bootstrap-clone>