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## **ASSIGNEMENT 2A**

### **INTSALLATION:**

```
patil@PATIL:~$ sudo apt-get install git
```

```
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  git-man liberror-perl
Suggested packages:
  git-daemon-run | git-daemon-sysvinit git-doc git-el git-email git-gui gitk
  gitweb git-arch git-cvs git-mediawiki git-svn
The following NEW packages will be installed:
  git git-man liberror-perl
0 upgraded, 3 newly installed, 0 to remove and 189 not upgraded.
Need to get 3,939 kB of archives.
After this operation, 25.6 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu xenial/main amd64 liberror-perl all 0.17-1.2 [19.6 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 git-man all 1:2.7.4-0ubuntu1.10 [737 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 git amd64 1:2.7.4-0ubuntu1.10 [3,183 kB]
Fetched 3,939 kB in 21s (185 kB/s)
Selecting previously unselected package liberror-perl.
(Reading database ... 177094 files and directories currently installed.)
Preparing to unpack .../liberror-perl_0.17-1.2_all.deb ...
Unpacking liberror-perl (0.17-1.2) ...
Selecting previously unselected package git-man.
Preparing to unpack .../git-man_1%3a2.7.4-0ubuntu1.10_all.deb ...
Unpacking git-man (1:2.7.4-0ubuntu1.10) ...
Selecting previously unselected package git.
Preparing to unpack .../git_1%3a2.7.4-0ubuntu1.10_amd64.deb ...
Unpacking git (1:2.7.4-0ubuntu1.10) ...
Processing triggers for man-db (2.7.5-1) ...
Setting up liberror-perl (0.17-1.2) ...
Setting up git-man (1:2.7.4-0ubuntu1.10) ...
Setting up git (1:2.7.4-0ubuntu1.10) ...
```

### **VERSION:**

```
patil@PATIL:~$ git --version
git version 2.7.4
```

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner \*

YopeNope ▾

Repository name \*

WAD\_2A ✓

Great repository names are short and memorable. Need inspiration? How about **effective-engine**?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▾

Choose a license

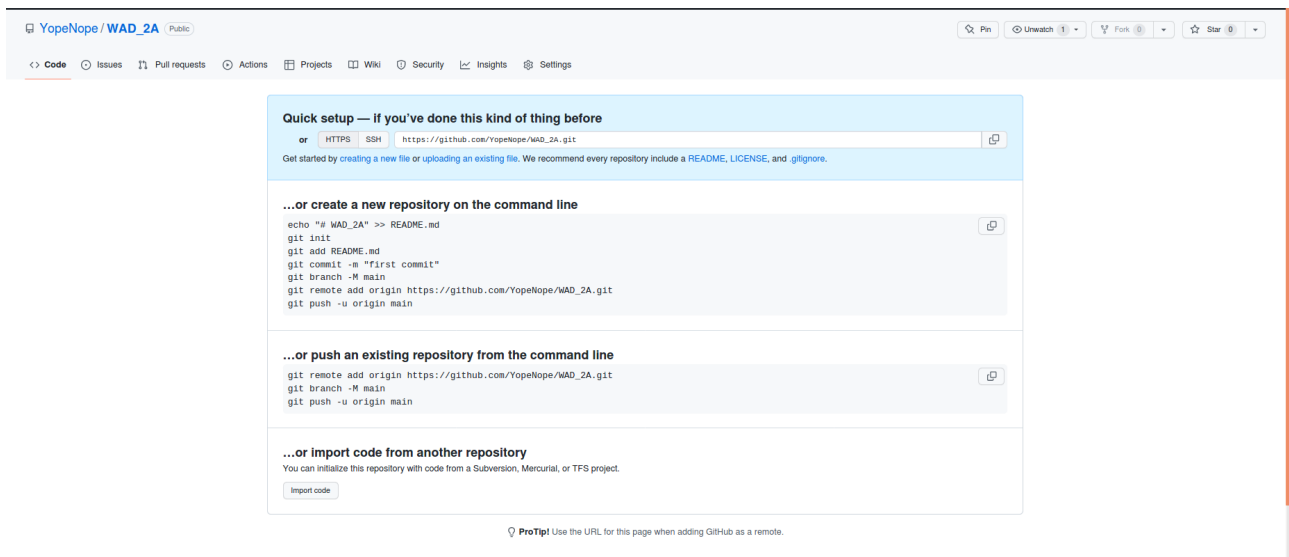
A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▾

 You are creating a public repository in your personal account.

Create repository

## Creating GitHub Repository.



The screenshot shows the GitHub 'Create a new repository' page. The repository is named 'WAD\_2A' and is public. The 'Quick setup' section provides instructions for creating a new repository on the command line:

```
echo "# WAD_2A" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/YopeNope/WAD_2A.git
git push -u origin main
```

Below this, there are instructions for pushing an existing repository and importing code from another repository.

## Empty Repository.

### INIT:

```
patil@PATIL:~$ mkdir Git
patil@PATIL:~$ cd Git
patil@PATIL:~/Git$ ls
patil@PATIL:~/Git$ git init
```

Initialized empty Git repository in /home/patil/Git/.git/

```
patil@PATIL:~/Git$ ls -la
total 12
drwxrwxr-x 3 patil patil 4096 Feb 25 14:42 .
drwxr-xr-x 19 patil patil 4096 Feb 25 14:42 ..
drwxrwxr-x 7 patil patil 4096 Feb 25 14:42 .git
```

## CONFIGURE:

```
patil@PATIL:~/Git$ git config --global user.name "YopeNope"
patil@PATIL:~/Git$ git config --global user.email "yopenopr@gmail.com"
patil@PATIL:~/Git$ git remote add origin https://github.com/YopeNope/WAD\_2A.git
patil@PATIL:~/Git$ gedit readme.md
```

## ADD:

```
patil@PATIL:~/Git$ git add readme.md          Specific
patil@PATIL:~/Git$ git add .                  Entire
```

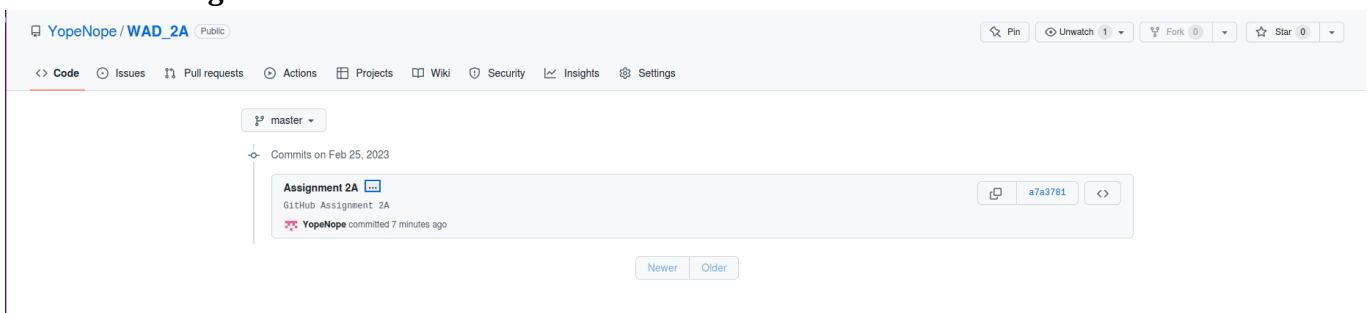
## COMMIT:

```
patil@PATIL:~/Git$ git commit -m "Assignment 2A" -m "GitHub Assignment 2A"
[master (root-commit) a7a3781] Assignment 2A
1 file changed, 1 insertion(+)
create mode 100644 readme.md
```

## PUSH:

```
patil@PATIL:~/Git$ git push origin master
Username for 'https://github.com': YopeNope
Password for 'https://YopeNope@github.com':
Counting objects: 3, done.
Delta compression using up to 6 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 270 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/YopeNope/WAD_2A.git
* [new branch]    master -> master
```

## After Pushing:



## CLONE:

```
patil@PATIL:~/Git$ git clone https://github.com/Novone2020/ecommerce.github.io.git
Cloning into 'ecommerce.github.io'...
remote: Enumerating objects: 23, done.
remote: Counting objects: 100% (23/23), done.
remote: Compressing objects: 100% (21/21), done.
remote: Total 23 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (23/23), done.
Checking connectivity... done.
```

```
patil@PATIL:~/Git$ ls
ecommerce.github.io  readme.md
patil@PATIL:~/Git$ git add .
patil@PATIL:~/Git$ git commit -m "op"
[master f383b7f] op
1 file changed, 1 insertion(+)
create mode 160000 ecommerce.github.io
```

```
patil@PATIL:~/Git$ git push origin master
Username for 'https://github.com': YopeNopr
Password for 'https://YopeNopr@github.com':
Counting objects: 2, done.
Delta compression using up to 6 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 273 bytes | 0 bytes/s, done.
Total 2 (delta 0), reused 0 (delta 0)
To https://github.com/YopeNope/WAD_2A.git
a7a3781..f383b7f master -> master
```

## REMOVE:

```
patil@PATIL:~/Git$ rm -fr .git
```

## STATUS:

```
patil@PATIL:~/Git$ git status
```

```
fatal: Not a git repository (or any of the parent directories): .git
```