Week03 Assignment

Steps Followed:
- Create a git repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner *
fmd5045 ▾ / Repository name *
week3assignment

✓ week3assignment is available.

Great repository names are short and memorable. Need inspiration? How about **automatic-sniffle**?

Description (optional)

repository for video purpose

○ 🖥 **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:

☐ **Add a README file**
This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. Learn more about ignoring files.

Choose a license

License: None ▾

A license tells others what they can and can't do with your code. Learn more about licenses.

- Create a local directory using `mkdir <name_of_directory>`
- `cd` into the new directory
- Used `touch README.md` to create a readme file inside the new directory
- Used `git init` to turn my current working directory into a working git repository
- Used `git status`

- This allows us to see the current state of our git working directory and staging area
- Shows the branch
- Shows the files commited
- Shows the tracked/untracked files

- Used `git add README.md` to add all of the files to staging
- Ran `git status` to show the files to be committed

```
> cd ~/
> cd Desktop
> mkdir week3assignment
> cd week3assignment
> touch README.md
> ls
README.md
> git init
Initialized empty Git repository in /Users/freddy/Desktop/week3assignment/.git/
> git status
On branch main

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
> git add README.md
> git status
On branch main

No commits yet

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

- Ran `git commit -m "<message>"`
  - This creates a snapshot of our repository
  - `-m` is for the message you will provide which are contextual clues that will help us know what was done to the code/files at the time the code was pushed.
- Used `git remote add origin <repository url>`
  - `git remote` is the primary command
  - `add` is the subcommand
  - `origin` is our alias

- Used `git push -u origin main`
  - This pushes the commits we have made to a remote repository (on github)
  - It takes the `remote` name and the `branch` name
- Went to the github repo, refreshed the page and noticed that my files were present
- Added to more files to my local directory
  - `touch file1.txt`
  - `touch file2.js`
- Used `git status`

-
```
> git commit -m "first commit"
[main (root-commit) 2a392a3] first commit
 Committer: Freddy Duluc <freddy@Freddys-MBP.lan1>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
> git remote add origin https://github.com/fmd5045/week3assignment.git
> git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 218 bytes | 218.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/fmd5045/week3assignment.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
> pwd
/Users/freddy/Desktop/week3assignment
> touch file1.txt
> touch file2.js
> ls
README.md file1.txt file2.js
> git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file1.txt
        file2.js

nothing added to commit but untracked files present (use "git add" to track)
```

- Used `git add .` to add all files
- Used `git commit -m "message"`
- Used `git push` to push my new changes to my remote repository

- Since the working directory is already initialized and connected to my remote repository there was no need for `git init` or `git remote add origin`

```
> git add .
> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file1.txt
        new file:   file2.js

> git commit -m "my second commit with two new files"
[main fa79827] my second commit with two new files
 Committer: Freddy Duluc <freddy@Freddys-MBP.lan1>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt
 create mode 100644 file2.js
> git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
> git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 276 bytes | 276.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/fmd5045/week3assignment.git
   2a392a3..fa79827  main -> main
```

fmd5045 / **week3assignment** (Public)

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⑂ **main** ▾   ⑂ **1 branch**   ⬙ **0 tags**

Go to file   Add file ▾   <> Code ▾

Freddy Duluc and **Freddy Duluc** my second commit with two new files   fa79827 11 minutes ago   ⊙ **2 commits**

🗎 README.md	first commit	14 minutes ago
🗎 file1.txt	my second commit with two new files	11 minutes ago
🗎 file2.js	my second commit with two new files	11 minutes ago

Video URL:

https://youtu.be/RTdkFiYbMoM

Repo URL:

https://github.com/fmd5045/week3assignment