Assignment

Git hub link: https://github.com/np03a180030/Homework

- **Creating a new Git repository and master branch.**

```
PS C:\Users\ACER\Desktop\Homework> git init
Initialized empty Git repository in C:/Users/ACER/Desktop/Homework/.git/
PS C:\Users\ACER\Desktop\Homework> git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\ACER\Desktop\Homework> git add style.css
PS C:\Users\ACER\Desktop\Homework> git commit -m 'first'
[master (root-commit) b945e9a] first
 1 file changed, 1 insertion(+)
 create mode 100644 style.css
PS C:\Users\ACER\Desktop\Homework> git remote add origin https://github.com/np03a180030/Homework.git
PS C:\Users\ACER\Desktop\Homework> git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 214 bytes | 214.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/np03a180030/Homework.git
 * [new branch]      master -> master
```

- **Creating a remote 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 *   Repository name *
np03a180030 ▾   /   GitAssignment   ✓

Great repository names are short and memorable. Need inspiration? How about ideal-memory?

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.

- **Creating & switching to another branch pushing branch.**

```
PS C:\Users\ACER\Desktop\Homework> git checkout -b alpha
Switched to a new branch 'alpha'
PS C:\Users\ACER\Desktop\Homework> git status
On branch alpha
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        cos.css

nothing added to commit but untracked files present (use "git add" to trac
PS C:\Users\ACER\Desktop\Homework> git add cos.html
fatal: pathspec 'cos.html' did not match any files
PS C:\Users\ACER\Desktop\Homework> git add cos.css
PS C:\Users\ACER\Desktop\Homework> git commit -m 'second'
[alpha 56992a4] second
 1 file changed, 1 insertion(+)
 create mode 100644 cos.css
PS C:\Users\ACER\Desktop\Homework> git push -u origin alpha
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 273 bytes | 273.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'alpha' on GitHub by visiting:
remote:      https://github.com/np03a180030/Homework/pull/new/alpha
remote:
To https://github.com/np03a180030/Homework.git
 * [new branch]      alpha -> alpha
Branch 'alpha' set up to track remote branch 'alpha' from 'origin'.
```

- **Merging master branch and another branch.**

```
PS C:\Users\ACER\Desktop\Homework> git checkout master
Switched to branch 'master'
PS C:\Users\ACER\Desktop\Homework> git merge alpha
Updating b945e9a..56992a4
Fast-forward
 cos.css | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 cos.css
```

- **Pulling the updated master branch version from remote to local repository.**

```
PS C:\Users\ACER\Desktop\git examples> git pull origin master
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 1.30 KiB | 89.00 KiB/s, done.
From https://github.com/np03a180030/GitAssignment
 * branch                master      -> FETCH_HEAD
   fd047b0..c7863e3  master      -> origin/master
Updating fd047b0..c7863e3
Fast-forward
 style.css | 1 +
 tusk.html | 4 ++--
 2 files changed, 3 insertions(+), 2 deletions(-)
 create mode 100644 style.css
```

- **Identifying error while merging alpha branch with master branch.**

- **Error solving and merging branches.**

Gama #5

Resolving conflicts between `gama` and `master` and committing changes → `gama`