## **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)
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.

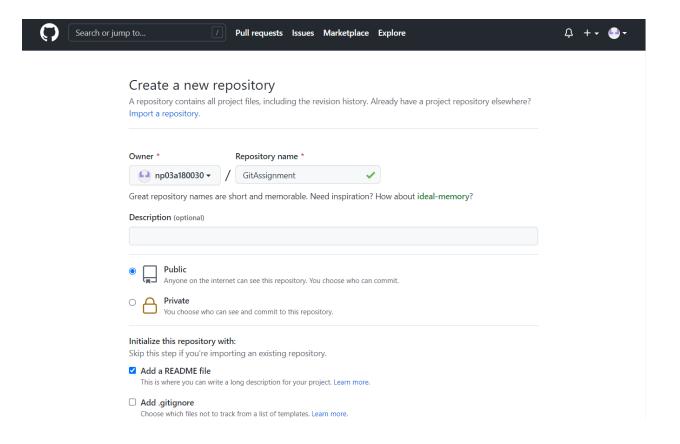
Counting objects: 100% (3/3), done.

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.



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)
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: Create a pull request for 'alpha' on GitHub by visiting:
             https://github.com/np03a180030/Homework/pull/new/alpha
remote:
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
                             -> FETCH HEAD
                   master
   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.

