# Tutorial Push and Pull Repository

## Part 1 : Push Tutorial

1. Go to the folder that you want to push into your github repository, and use command **"git add ."** to add all the files in your folder. The name of the repository depends on what repository you cloned. For example:

```
[najwa.satirah@badak:~/os172$ git add .
 najwa.satirah@badak:~/os172$ ▌
```

2. You can check the status of the file that added by using command **"git status"**

```
[najwa.satirah@badak:~/os172$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   dummy
```

3. After that, add a description of what changed to the project. This is for the explanation of the part that changed from the last edit on the project. Commit your changes by using command **" git commit -m 'your_commit_message' "**. Use meaningful commit message each time you commit. As example, you just create a dummy file, so the commit message is 'create dummy file'.

```
[najwa.satirah@badak:~/os172$ git commit -m "create dummy file"
[master 70bb8ef] create dummy file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 dummy
```

4. After commit your changes, you must make sure that your local repository is using the latest repository from your github repository by using command "*git pull*"

```
[najwa.satirah@badak:~/os172$ git pull
 Already up-to-date.
```

5. After that you can push your work by using command "*git push*" and don't forget to type your github username and password.

```
[najwa.satirah@badak:~/os172$ git push
```

6. Congratulations! Your changes on local repository is now on your github repository too.

**Part 2 : Pull Tutorial**

1. Go into your folder that you want to update/pull according to your github repository, and use command "*git pull*" to pull the file from your github repository.

```
[najwa.satirah@badak:~/os172$ git pull
```

2. Congratulations! Your local repository is already up to date with your github repository now.