# How to Use Git Repository

1. What is repository?
2. What is branch?
3. Why are the benefits using repository?

* To create branches to test code with
* As many branches as you wish
* Save all the version
* With commit message, other team mates could notice what you have changed.
* Allow to Work remotely
* Allow to work as a group

Key Fuctions

1. git init
2. git branch

* create new branch : git branch <branch name>
* delete branch : git branch –d <branch name> (locally)
* delete branch : git push origin –delete <branch name>(remotely)

1. git checkout

* to move between branches
* git checkout <target branch>

1. git merge

* always on master branch
* git merge <target branch>

1. git status

* to check out what has been changed
* git status

1. git add

* to add the changes locally
* add all : git add –A or git add -–all
* add specific files : git add <file name>

1. git commit

* committing the added files (leaving messages)
* git commit –m “message”

1. git push

* to make a changes remotely
* git push origin <branch name> (caution)

1. git clone

* To download the repository from the github
* git clone <url>