Github(동빈나)   ---

```
C:\Users\석유진>git
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
           [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
           [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
           [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
           <command> [<args>]
These are common Git commands used in various situations:

start a working area (see also: git help tutorial)
   clone        Clone a repository into a new directory
   init         Create an empty Git repository or reinitialize an existing one
work on the current change (see also: git help everyday)
   add          Add file contents to the index
   mv           Move or rename a file, a directory, or a symlink
   reset        Reset current HEAD to the specified state
   rm           Remove files from the working tree and from the index
examine the history and state (see also: git help revisions)
   bisect       Use binary search to find the commit that introduced a bug
   grep         Print lines matching a pattern
   log          Show commit logs
   show         Show various types of objects
   status       Show the working tree status
grow, mark and tweak your common history
   branch       List, create, or delete branches
   checkout     Switch branches or restore working tree files
   commit       Record changes to the repository
   diff         Show changes between commits, commit and working tree, etc
   merge        Join two or more development histories together
   rebase       Reapply commits on top of another base tip
   tag          Create, list, delete or verify a tag object signed with GPG
collaborate (see also: git help workflows)
   fetch        Download objects and refs from another repository
   pull         Fetch from and integrate with another repository or a local branch
   push         Update remote refs along with associated objects
'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.
```

```
C:\Users\석유진>git --version
git version 2.22.0.windows.1

C:\Users\석유진>git config --global user.name sukyoujin

C:\Users\석유진>git config --global user.email gemmy_@naver.com

C:\Users\석유진>cd C:\Education

C:\Education>git clone https://github.com/sukyoujin/Git-Tutorial.git
Cloning into 'Git-Tutorial'...
warning: You appear to have cloned an empty repository.

C:\Education>cd C:\Education\Git-Tutorial

C:\Education\Git-Tutorial>git add document.txt

C:\Education\Git-Tutorial>git commit -m "Add Text File [document.txt]
[master (root-commit) eff749b] Add Text File [document.txt]
 1 file changed, 1 insertion(+)
 create mode 100644 document.txt

C:\Education\Git-Tutorial>git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 233 bytes | 33.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorial.git
 * [new branch]      master -> master
```

파일 생성 및 수정 후 add, commit, push 하기---

```
C:\>cd C:\Tutorials

C:\Tutorials>git clone https://github.com/sukyoujin/Git-Tutorial.git
Cloning into 'Git-Tutorial'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
```

```
C:\Tutorials>dir
 C 드라이브의 볼륨에는 이름이 없습니다.
 볼륨 일련 번호: 6EB0-7DBA

 C:\Tutorials 디렉터리

2019-07-21  오전 10:05    <DIR>          .
2019-07-21  오전 10:05    <DIR>          ..
2019-07-21  오전 10:05    <DIR>          Git-Tutorial
               0개 파일                   0 바이트
               3개 디렉터리    8,544,256,000 바이트 남음


C:\Tutorials>cd Git-Tutorial


C:\Tutorials\Git-Tutorial>dir
 C 드라이브의 볼륨에는 이름이 없습니다.
 볼륨 일련 번호: 6EB0-7DBA

 C:\Tutorials\Git-Tutorial 디렉터리

2019-07-21  오전 10:05    <DIR>          .
2019-07-21  오전 10:05    <DIR>          ..
2019-07-21  오전 10:05                 2 document.txt
               1개 파일                   2 바이트
               2개 디렉터리    8,544,391,168 바이트 남음

C:\Tutorials\Git-Tutorial>git status
On branch master
Your branch is up to date with 'origin/master'.
Untracked files:
    (use "git add <file>..." to include in what will be committed)
          my_module.java.txt
nothing added to commit but untracked files present (use "git add" to track)


C:\Tutorials\Git-Tutorial>git add my_module.java.txt          //git add +파일명


C:\Tutorials\Git-Tutorial>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:    my_module.java.txt


C:\Tutorials\Git-Tutorial>git reset my_module.java.txt          //수정 내역 삭제 명령
```

```
C:\Tutorials\Git-Tutorial>git status
On branch master
Your branch is up to date with 'origin/master'.
Untracked files:
    (use "git add <file>..." to include in what will be committed)
          my_module.java.txt
nothing added to commit but untracked files present (use "git add" to track)


C:\Tutorials\Git-Tutorial>git add .                              //git add .  (모든 파일)


C:\Tutorials\Git-Tutorial>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:    my_module.java.txt
                                                        //git commit -m "Add +파일명 +메모"
C:\Tutorials\Git-Tutorial>git commit -m "Add my_module.java.txt [Add]"
[master cf3aba7] Add my_module.java.txt [Add]
 1 file changed, 1 insertion(+)
 create mode 100644 my_module.java.txt


C:\Tutorials\Git-Tutorial>git push                              //git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 325 bytes | 65.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorial.git
     eff749b..cf3aba7   master -> master


C:\Tutorials\Git-Tutorial>git status
On branch master
Your branch is up to date with 'origin/master'.
nothing to commit, working tree clean


C:\Tutorials\Git-Tutorial>git status                              //(수정 후 확인함)
On branch master
Your branch is up to date with 'origin/master'.
Changes not staged for commit:
    (use "git add <file>..." to update what will be committed)
```

```
  (use "git checkout -- <file>..." to discard changes in working directory)
        modified:    my_module.java.txt
no changes added to commit (use "git add" and/or "git commit -a")
                                                //git checkout -- 파일명 (수정한 사항 무시 명령)
C:\Tutorials\Git-Tutorial>git checkout -- my_module.java.txt


C:\Tutorials\Git-Tutorial>git add .                          //(다시 수정 후 add함)


C:\Tutorials\Git-Tutorial>git commit -m "Add my_module.java.txt [Add]"
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
nothing to commit, working tree clean


C:\Tutorials\Git-Tutorial>git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
nothing to commit, working tree clean


C:\Tutorials\Git-Tutorial>git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 330 bytes | 82.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorial.git
    cf3aba7..f07874d   master -> master
```

github commit 내역 수정하기 (특정 지점으로 회귀) ---

```
C:\Tutorials\Git-Tutorial>git pull
Already up to date.


C:\Tutorials\Git-Tutorial>git add .                      //새 파일 생성, add, commit, push 함


C:\Tutorials\Git-Tutorial>git commit -m "Add my_module.java.txt"
[master 17d8a3c] Add my_module.java.txt
  1 file changed, 3 insertions(+), 1 deletion(-)


C:\Tutorials\Git-Tutorial>git push
Enumerating objects: 5, done.
```

```
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 329 bytes | 82.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorial.git
    f07874d..17d8a3c   master -> master


C:\Tutorials\Git-Tutorial>git log                          //로그 기록 보기
commit 17d8a3c474dd407c24fb4ea1bc44a673a9d9f607 (HEAD -> master, origin/maste
r, origin/HEAD)
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 10:29:50 2019 +0900

      Add my_module.java.txt
commit f07874dc3f244c2deda816547e5baea6b92d55df
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 10:13:11 2019 +0900

      Add my_module.java.txt [Add]:
commit cf3aba7f8d04c1e2ccaf1c30d2a4e6a26e2c6e40
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 10:09:14 2019 +0900

      Add my_module.java.txt [Add]
commit eff749bf9280354873baf2e613f60485720dba2c
Author: sukyoujin <gemmy_@naver.com>
Date:    Thu Jul 18 06:17:02 2019 +0900

      Add Text File [document.txt]


C:\Tutorials\Git-Tutorial>git reset --hard eff749bf9280354873baf2e613f6048572
0dba2c
HEAD is now at eff749b Add Text File [document.txt]      //특정 지점으로 원상복귀함
                                                // git reset -hard +특정지점값

C:\Tutorials\Git-Tutorial>git log
commit eff749bf9280354873baf2e613f60485720dba2c (HEAD -> master)
Author: sukyoujin <gemmy_@naver.com>
Date:    Thu Jul 18 06:17:02 2019 +0900

      Add Text File [document.txt]


C:\Tutorials\Git-Tutorial>git push                          //이전 상태와 다르니 에러가 남
To https://github.com/sukyoujin/Git-Tutorial.git
 ! [rejected]           master -> master (non-fast-forward)
error: failed to push some refs to 'https://github.com/sukyoujin/Git-Tutorial
.git'
```

hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

C:\Tutorials\Git-Tutorial>git push -f   //강제로 push 해줌
Total 0 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorial.git
 + 17d8a3c...eff749b master -> master (forced update)

C:\Tutorials\Git-Tutorial>git add .   //다시 생성,add, commit, push

C:\Tutorials\Git-Tutorial>git commit -m "Add my_modele.java sss"
[master db443e7] Add my_modele.java sss
 1 file changed, 1 insertion(+)
 create mode 100644 git.txt.txt

C:\Tutorials\Git-Tutorial>git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 284 bytes | 71.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorial.git
   eff749b..db443e7   master -> master
                                    //push 이후의 내용 수정으로, push내용을 바꿈
C:\Tutorials\Git-Tutorial>git commit -amend   //a 입력, 내용 수정, ESC+:wq
[master fd78644] Add my_modele.java sss&ddq
 Date: Sun Jul 21 10:38:47 2019 +0900
 1 file changed, 1 insertion(+)
 create mode 100644 git.txt.txt

github Branch 사용 ---
C:\Education\Git-Tutorials>git add a.txt   //a.txt 라는 파일 생성 후 올리기

C:\Education\Git-Tutorials>git commit -m "Add a.txt [a.txt]"
[master (root-commit) 3f380a4] Add a.txt [a.txt]
 1 file changed, 1 insertion(+)
 create mode 100644 a.txt

C:\Education\Git-Tutorials>git push

Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 214 bytes | 71.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorials.git
 * [new branch]   master -> master

C:\Tutorials\Git-Tutorial>git branch   //branch 내역 확인 (master만 존재)
* master

C:\Tutorials\Git-Tutorial>git branch develop   //develop branch 생성

C:\Tutorials\Git-Tutorial>git branch
  develop
* master

C:\Tutorials\Git-Tutorial>git checkout develop   //switch branch to develop
Switched to branch 'develop'

C:\Tutorials\Git-Tutorial>git branch
* develop
  Master

C:\Education\Git-Tutorials>git add .   //develop서 수정, add, commit

C:\Education\Git-Tutorials>git commit -m "Add a.txt [Add b]"
[develop 4a22d88] Add a.txt [Add b]
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Education\Git-Tutorials>git checkout master   //다시 master로 바꿔서
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

C:\Education\Git-Tutorials>git merge develop   //develop 작업내용과 merge
Updating 3f380a4..4a22d88
Fast-forward
 a.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Education\Git-Tutorials>git push   //github에 git push해주고
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.

Writing objects: 100% (3/3), 246 bytes | 82.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/sukyoujin/Git-Tutorials.git
   3f380a4..4a22d88   master -> master

C:\Education\Git-Tutorials>git branch -d develop   //develop branch 삭제
Deleted branch develop (was 4a22d88).

C:\Education\Git-Tutorials>git branch
* master

Branch 간 충돌 해결 --
C:\Education\Git-Tutorials>git branch develop

C:\Education\Git-Tutorials>git checkout develop   //develop 내 수정1
Switched to branch 'develop'

C:\Education\Git-Tutorials>git add .

C:\Education\Git-Tutorials>git commit -m "Add a.txt [Add c]"
[develop d7dbfc9] Add a.txt [Add c]
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Education\Git-Tutorials>git checkout master   // master 내 수정2
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

C:\Education\Git-Tutorials>git add .

C:\Education\Git-Tutorials>git commit -m "Add a.txt [Add c + //주석}"
[master ebff67c] Add a.txt [Add c + //주석}
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Education\Git-Tutorials>git checkout develop
Switched to branch 'develop'

C:\Education\Git-Tutorials>git log   //develop의 로그
commit d7dbfc97ce92c94f47b96efe3898a933a57fd2b3 (HEAD -> develop)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:50:19 2019 +0900
    Add a.txt [Add c]
commit 4a22d88acd566ad781dcc2a6521d0f2ed1c6e5a7 (origin/master)

Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:38:19 2019 +0900
    Add a.txt [Add b]
commit 3f380a4347140d360a4f7506fe955541b2c71540
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:34:58 2019 +0900
    Add a.txt [a.txt]

C:\Education\Git-Tutorials>git checkout master   //master의 로그
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
   (use "git push" to publish your local commits)
C:\Education\Git-Tutorials>git log
commit ebff67cefc7b8f302136f7279f32dc56ec199d80 (HEAD -> master)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:53:50 2019 +0900
    Add a.txt [Add c + //<EC><A3><BC><EC><84><9D>}
commit 4a22d88acd566ad781dcc2a6521d0f2ed1c6e5a7 (origin/master)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:38:19 2019 +0900
    Add a.txt [Add b]
commit 3f380a4347140d360a4f7506fe955541b2c71540
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:34:58 2019 +0900
    Add a.txt [a.txt]

C:\Education\Git-Tutorials>git merge develop   //merge 요청 시 오류 -수정 1과2 충돌
Auto-merging a.txt
CONFLICT (content): Merge conflict in a.txt
Automatic merge failed; fix conflicts and then commit the result.
문서 확인하면 자동으로 이렇게 저장돼 있고 :   a
수작업으로 지워 둘 중 하나 선택할 수 있음   b
                                                <<<<<<< HEAD
                                                c   //충돌
                                                =======
                                                c
                                                >>>>>>> develop
C:\Education\Git-Tutorials>git add .   //수정 후 add, commit 해주고

C:\Education\Git-Tutorials>git commit -m "Add a.txt [Add c + //주석}"
[master 6ce1f31] Add a.txt [Add c + //주석}

C:\Education\Git-Tutorials>git merge develop   //다시 merge 하면
Already up to date.

C:\Education\Git-Tutorials>git log   //merged log printed
commit 6ce1f31ac1d200855009da8a1f982ab49ab2bf45 (HEAD -> master)
Merge: ebff67c d7dbfc9
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 12:00:50 2019 +0900
     Add a.txt [Add c + //〈EC〉〈A3〉〈BC〉〈EC〉〈84〉〈9D〉}
commit ebff67cefc7b8f302136f7279f32dc56ec199d80
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:53:50 2019 +0900
     Add a.txt [Add c + //〈EC〉〈A3〉〈BC〉〈EC〉〈84〉〈9D〉}
commit d7dbfc97ce92c94f47b96efe3898a933a57fd2b3 (develop)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:50:19 2019 +0900
     Add a.txt [Add c]
commit 4a22d88acd566ad781dcc2a6521d0f2ed1c6e5a7 (origin/master)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:38:19 2019 +0900
     Add a.txt [Add b]
commit 3f380a4347140d360a4f7506fe955541b2c71540
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:34:58 2019 +0900
commit 6ce1f31ac1d200855009da8a1f982ab49ab2bf45 (HEAD -> master)
Merge: ebff67c d7dbfc9
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 12:00:50 2019 +0900
     Add a.txt [Add c + //〈EC〉〈A3〉〈BC〉〈EC〉〈84〉〈9D〉}
commit ebff67cefc7b8f302136f7279f32dc56ec199d80
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:53:50 2019 +0900
     Add a.txt [Add c + //〈EC〉〈A3〉〈BC〉〈EC〉〈84〉〈9D〉}
commit d7dbfc97ce92c94f47b96efe3898a933a57fd2b3 (develop)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:50:19 2019 +0900
     Add a.txt [Add c]
commit 4a22d88acd566ad781dcc2a6521d0f2ed1c6e5a7 (origin/master)
Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:38:19 2019 +0900
     Add a.txt [Add b]
commit 3f380a4347140d360a4f7506fe955541b2c71540

Author: sukyoujin <gemmy_@naver.com>
Date: Sun Jul 21 11:34:58 2019 +0900

C:\Education\Git-Tutorials>git branch -d develop   //develop branch 다 썼으니 삭제
Deleted branch develop (was d7dbfc9).

C:\Education\Git-Tutorials>git push   //github에 git push done
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (7/7), 590 bytes | 84.00 KiB/s, done.
Total 7 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/sukyoujin/Git-Tutorials.git
    4a22d88..6ce1f31   master -> master

git에서 원격저장소 관리하기 --
C:\Education\Git-Tutorials>git remote   //원격저장소에 뭐 있나 검색
origin

C:\Education\Git-Tutorials>git remote show origin   //origin 자세히 보기
* remote origin
   Fetch URL: https://github.com/sukyoujin/Git-Tutorials.git
   Push   URL: https://github.com/sukyoujin/Git-Tutorials.git
   HEAD branch: master
   Remote branch:
      master tracked
   Local branch configured for 'git pull':
      master merges with remote master
   Local ref configured for 'git push':
      master pushes to master (up to date)

C:\Education\Git-Tutorials>git remote add test https://github.com/sukyoujin/190719.git

C:\Education\Git-Tutorials>git remote -v   //github 내 특정 저장소 추가 후 모두 보기 함
origin   https://github.com/sukyoujin/Git-Tutorials.git (fetch)
origin   https://github.com/sukyoujin/Git-Tutorials.git (push)
test   https://github.com/sukyoujin/190719.git (fetch)
test   https://github.com/sukyoujin/190719.git (push)

C:\Education\Git-Tutorials>git remote rename test temp   //이름 바꾸기

```
C:\Education\Git-Tutorials>git remote -v
origin    https://github.com/sukyoujin/Git-Tutorials.git (fetch)
origin    https://github.com/sukyoujin/Git-Tutorials.git (push)
temp      https://github.com/sukyoujin/190719.git (fetch)
temp      https://github.com/sukyoujin/190719.git (push)


C:\Education\Git-Tutorials>git log origin/master                 //log도 볼 수 있고
commit 6ce1f31ac1d200855009da8a1f982ab49ab2bf45 (HEAD -> master, origin/master)
Merge: ebff67c d7dbfc9
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 12:00:50 2019 +0900
    Add a.txt [Add c + //<EC><A3><BC><EC><84><9D>}
commit ebff67cefc7b8f302136f7279f32dc56ec199d80
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 11:53:50 2019 +0900
    Add a.txt [Add c + //<EC><A3><BC><EC><84><9D>}
commit d7dbfc97ce92c94f47b96efe3898a933a57fd2b3
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 11:50:19 2019 +0900
    Add a.txt [Add c]
commit 4a22d88acd566ad781dcc2a6521d0f2ed1c6e5a7
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 11:38:19 2019 +0900
    Add a.txt [Add b]
commit 3f380a4347140d360a4f7506fe955541b2c71540
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 11:34:58 2019 +0900
    Add a.txt [a.txt]


C:\Education\Git-Tutorials>git merge origin/master               //merge도 가능하고
Already up to date.

C:\Education\Git-Tutorials>git remote rm temp          //이름도 바꿀 수 있음


C:\Education\Git-Tutorials>git remote -v
origin    https://github.com/sukyoujin/Git-Tutorials.git (fetch)
origin    https://github.com/sukyoujin/Git-Tutorials.git (push)
```

git에서 log 보기 (다양한 commit 내역 확인)--
```
C:\Education\Git-Tutorials>git log -p -3       //p 옵션 : 어떤 방식으로 commit 됐나 3개 확인
commit 6ce1f31ac1d200855009da8a1f982ab49ab2bf45 (HEAD -> master, origin/master)
```

```
Merge: ebff67c d7dbfc9
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 12:00:50 2019 +0900
    Add a.txt [Add c + //<EC><A3><BC><EC><84><9D>}
commit ebff67cefc7b8f302136f7279f32dc56ec199d80
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 11:53:50 2019 +0900
    Add a.txt [Add c + //<EC><A3><BC><EC><84><9D>}
diff --git a/a.txt b/a.txt
index 0a207c0..ce6714f 100644
--- a/a.txt
+++ b/a.txt
@@ -1,2 +1,3 @@
 a
-b
\ No newline at end of file
+b
+c        //<C3><E6><B5><B9>
\ No newline at end of file


commit d7dbfc97ce92c94f47b96efe3898a933a57fd2b3
Author: sukyoujin <gemmy_@naver.com>
Date:     Sun Jul 21 11:50:19 2019 +0900
    Add a.txt [Add c]
diff --git a/a.txt b/a.txt
index 0a207c0..1c943a9 100644
--- a/a.txt
+++ b/a.txt
@@ -1,2 +1,3 @@
 a
-b


C:\Education\Git-Tutorials>git log --pretty=oneline        // 한 줄로 각각의 commit 내용 확인
6ce1f31ac1d200855009da8a1f982ab49ab2bf45 (HEAD -> master, origin/master) Add a.txt
[Add c + //<EC><A3><BC><EC><84><9D>}
ebff67cefc7b8f302136f7279f32dc56ec199d80 Add a.txt [Add c + //<EC><A3><BC>
<EC><84><9D>}
d7dbfc97ce92c94f47b96efe3898a933a57fd2b3 Add a.txt [Add c]
4a22d88acd566ad781dcc2a6521d0f2ed1c6e5a7 Add a.txt [Add b]
3f380a4347140d360a4f7506fe955541b2c71540 Add a.txt [a.txt]
```
                                                            //포맷도 정해서 볼 수 있다
```
C:\Education\Git-Tutorials>git log --pretty=format:"%h -> %an, %ar : %s" --graph
```

```
*     6ce1f31 -> sukyoujin, 20 minutes ago : Add a.txt [Add c + //<EC><A3><BC>
<EC><84><9D>}
|₩
| * d7dbfc9 -> sukyoujin, 31 minutes ago : Add a.txt [Add c]
* | ebff67c -> sukyoujin, 27 minutes ago : Add a.txt [Add c + //<EC><A3><BC>
<EC><84><9D>}
|/
* 4a22d88 -> sukyoujin, 43 minutes ago : Add a.txt [Add b]
* 3f380a4 -> sukyoujin, 46 minutes ago : Add a.txt [a.txt]
```

Git Rebase 명령으로 특정 commit 수정/삭제--
```
C:₩Git-Tutorials>cd C:₩Git-Tutorials₩Git Sample

C:₩Git-Tutorials₩Git Sample>git init
Initialized empty Git repository in C:/Git-Tutorials/Git Sample/.git/

C:₩Git-Tutorials₩Git Sample>git add .

C:₩Git-Tutorials₩Git Sample>git commit -m "Add 1.txt 2.txt"
[master (root-commit) 3c8ec52] Add 1.txt 2.txt
 2 files changed, 2 insertions(+)
  create mode 100644 1.txt
  create mode 100644 2.txt

C:₩Git-Tutorials₩Git Sample>git add .

C:₩Git-Tutorials₩Git Sample>git commit -m "Delete 2.txt"
[master ea667db] Delete 2.txt
 1 file changed, 1 deletion(-)
  delete mode 100644 2.txt

C:₩Git-Tutorials₩Git Sample>git add .

C:₩Git-Tutorials₩Git Sample>git commit -m "Add 3.txt"
[master 327b636] Add 3.txt
 1 file changed, 1 insertion(+)
  create mode 100644 3.txt

C:₩Git-Tutorials₩Git Sample>git log
commit 327b63610cea45ec2a61b9a270b8840c08e94afb (HEAD -> master)
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 16:20:09 2019 +0900
```
```
    Add 3.txt
commit ea667db176f1326b2926d983c86e11a7107d7b4d
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 16:19:30 2019 +0900
    Delete 2.txt
commit 3c8ec5278f3605c16815aff9c28ff14713bc2eba
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 16:18:39 2019 +0900
    Add 1.txt 2.txt

C:₩Git-Tutorials₩Git Sample>git rebase -i HEAD~2        //하단에 명령어 관련 안내가 나옴
[detached HEAD 05dde0d] Drop 2.txt                      //reword 입력 -> 내용 변경 -> :wq
 Date: Sun Jul 21 16:19:30 2019 +0900
 1 file changed, 1 deletion(-)
 delete mode 100644 2.txt
Successfully rebased and updated refs/heads/master.

C:₩Git-Tutorials₩Git Sample>git log
commit f9eccc4a255956068e9db01383af4794b6de7129 (HEAD -> master)
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 16:20:09 2019 +0900
    Add 3.txt
commit 05dde0ddbfc1a61110500b314afc13a56d6ad621
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 16:19:30 2019 +0900
    Drop 2.txt                                          //delete->drop 수정 완료
commit 3c8ec5278f3605c16815aff9c28ff14713bc2eba
Author: sukyoujin <gemmy_@naver.com>
Date:    Sun Jul 21 16:18:39 2019 +0900
    Add 1.txt 2.txt

C:₩Git-Tutorials₩Git Sample>git rebase -i 3c8ec5278f3605c16815aff9c28ff14713bc2e
ba                                                      //특정 commit을 지정할 수도
Successfully rebased and updated refs/heads/master.
```

프로젝트 소개글 작성하기(README.md)--
```
C:₩Education₩Git-Tutorials>git pull   할 수도 있지만, github repository 내 ReadMe 파일 작성하
라는 곳에서 작성 후 수정이 편함
# 제목     /## smaller font size
** 강조는 굵은 글씨 별 2개 **
~~ 취소선 앞뒤로 물결 2개 ~~           ...
```