

5주차 과제

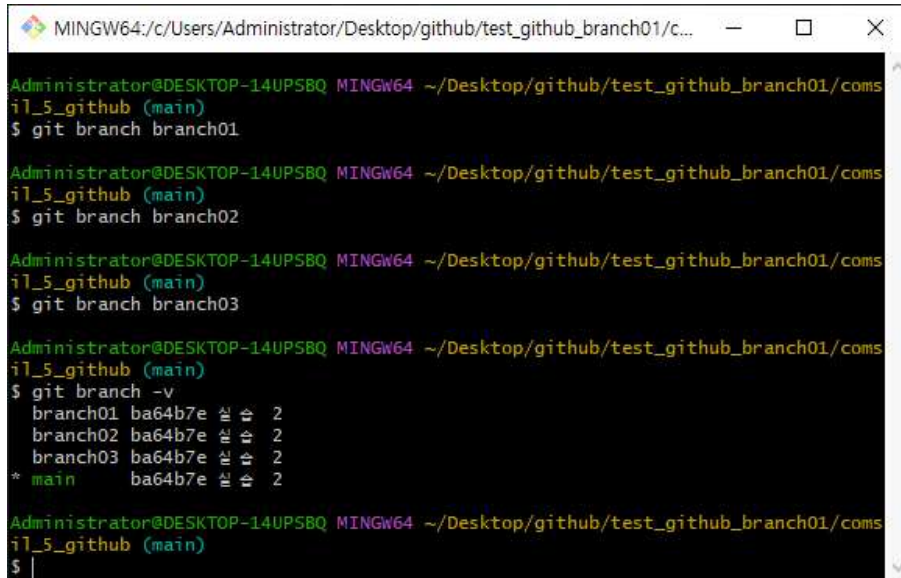
전공: 신문방송학과

학년: 3학년

학번: 20191150

이름: 전현길

1. 3개 이상 branch를 작성하고 각 branch에서 내용을 수정해 커밋한다.



```
MINGW64:/c:/Users/Administrator/Desktop/github/test_github_branch01/c...
Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (main)
$ git branch branch01

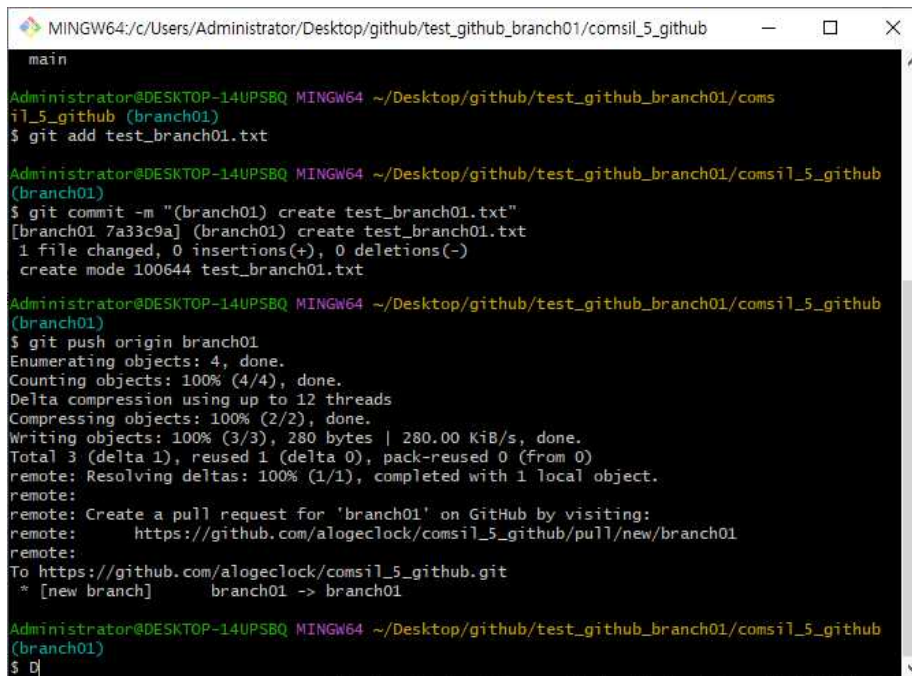
Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (main)
$ git branch branch02

Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (main)
$ git branch branch03

Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (main)
$ git branch -v
  branch01 ba64b7e 실 2
  branch02 ba64b7e 실 2
  branch03 ba64b7e 실 2
* main      ba64b7e 실 2

Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (main)
$
```

branch 3개를 생성하고, 연결된 branch 3개를 확인한다.



```
MINGW64:/c:/Users/Administrator/Desktop/github/test_github_branch01/comsil_5_github
main
Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch01)
$ git add test_branch01.txt

Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
(branch01)
$ git commit -m "(branch01) create test_branch01.txt"
[branch01 7a33c9a] (branch01) create test_branch01.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test_branch01.txt

Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
(branch01)
$ git push origin branch01
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), 280 bytes | 280.00 KiB/s, done.
Total 3 (delta 1), reused 1 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'branch01' on GitHub by visiting:
remote:   https://github.com/alogeclock/comsil_5_github/pull/new/branch01
remote:
To https://github.com/alogeclock/comsil_5_github.git
 * [new branch]      branch01 -> branch01

Administrator@DESKTOP-14UPS8Q MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
(branch01)
$
```

branch01에 test_branch01.txt 파일을 생성해 커밋한 뒤 푸쉬한다.

```
Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch01)
$ git checkout branch02
Switched to branch 'branch02'

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch02)
$ git add .

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch02)
$ git commit -m "(branch02) create test_branch02.txt"
[branch02 7176649] (branch02) create test_branch02.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test_branch02.txt

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch02)
$ git push origin branch02
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), 280 bytes | 280.00 KiB/s, done.
Total 3 (delta 1), reused 1 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'branch02' on GitHub by visiting:
remote:   https://github.com/alogeclock/comsil_5_github/pull/new/branch02
remote:
To https://github.com/alogeclock/comsil_5_github.git
 * [new branch]      branch02 -> branch02

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch02)
$
```

branch02에 test_branch02.txt 파일을 생성해 커밋한 뒤 푸쉬한다.

```
Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch02)
$ git checkout branch03
Switched to branch 'branch03'

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch03)
$ git add .

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch03)
$ git commit -m "(branch03) create test_branch03.txt"
[branch03 1af2121] (branch03) create test_branch03.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test_branch03.txt

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch03)
$ git push origin branch03
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), 279 bytes | 279.00 KiB/s, done.
Total 3 (delta 1), reused 1 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'branch03' on GitHub by visiting:
remote:   https://github.com/alogeclock/comsil_5_github/pull/new/branch03
remote:
To https://github.com/alogeclock/comsil_5_github.git
 * [new branch]      branch03 -> branch03

Administrator@DESKTOP-14UPSBQ MINGW64 ~/Desktop/github/test_github_branch01/coms
il_5_github (branch03)
$ |
```

branch03에 test_branch03.txt 파일을 생성해 커밋한 뒤 푸쉬한다.

2. 모든 branch를 main branch에 merge한 뒤에 push한다.

```
MINGW64:/c/Users/Administrator/Desktop/github/test_github_branch01/comsil_5_github
Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
l_5_github (branch03)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
l_5_github (main)
$ git branch -v
  branch01 7a33c9a (branch01) create test_branch01.txt
  branch02 7176649 (branch02) create test_branch02.txt
  branch03 1af2121 (branch03) create test_branch03.txt
* main      ba64b7e 싹  2

Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
l_5_github (main)
$ git merge branch01
Updating ba64b7e..7a33c9a
Fast-forward
 test_branch01.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test_branch01.txt

Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github
l_5_github (main)
$ git merge branch02
Merge made by the 'ort' strategy.
 test_branch02.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test_branch02.txt

Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github (main)
$ git merge branch03
Merge made by the 'ort' strategy.
 test_branch03.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test_branch03.txt


Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github (main)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 476 bytes | 476.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/alogeclock/comsil_5_github.git
   ba64b7e..be4cc9f  main -> main


Administrator@DESKTOP-14UP5BQ MINGW64 ~/Desktop/github/test_github_branch01/comsil_5_github (main)
$
```

현재 main branch와 연결되어 있는지 git checkout main 명령어를 통해 확인한 뒤, branch를 하나하나 merge했다. 이후 git status로 커밋이 잘 반영되어 있는지 확인하고 push했다.


comsil 5 github
Public
Pin
Unwatch 1

main
4 Branches
0 Tags

t
+
Code


alogeclock Merge branch 'branch03'

be4cc9f · 3 minutes ago
 12 Commits

1주차	실습 1	4 days ago
2주차	실습 1	4 days ago
3주차	실습 1	4 days ago
4주차	실습 1	4 days ago
5주차	5주차 실습 제출물	4 days ago
test_branch01.txt	(branch01) create test_branch01.txt	16 minutes ago
test_branch02.txt	(branch02) create test_branch02.txt	11 minutes ago
test_branch03.txt	(branch03) create test_branch03.txt	9 minutes ago
test_github.txt	실습 2	4 days ago
보고서양식.hwp	실습 1	4 days ago
소프트웨어개발도구및환경실습_...	실습 1	4 days ago

실제 repository의 main branch를 확인하면 각 branch의 파일들이 합병되어 있다.

아래는 branch01, branch02, branch03 브랜치의 파일 상태이다. 중간의 test_branch01.txt, test_branch02.txt, test_branch03.txt 파일이 각각 반영되어 있는 모습을 확인할 수 있다.

 alogeclock (branch01) create test_branch01.txt 7a33c9a · 19 minutes ago  8 Commits		
 1주차	실습 1	4 days ago
 2주차	실습 1	4 days ago
 3주차	실습 1	4 days ago
 4주차	실습 1	4 days ago
 5주차	5주차 실습 제출물	4 days ago
 test_branch01.txt	(branch01) create test_branch01.txt	19 minutes ago
 test_github.txt	실습 2	4 days ago
 보고서양식.hwp	실습 1	4 days ago
 소프트웨어개발도구및환경실습_...	실습 1	4 days ago

 alogeclock (branch02) create test_branch02.txt 7176649 · 14 minutes ago  8 Commits		
 1주차	실습 1	4 days ago
 2주차	실습 1	4 days ago
 3주차	실습 1	4 days ago
 4주차	실습 1	4 days ago
 5주차	5주차 실습 제출물	4 days ago
 test_branch02.txt	(branch02) create test_branch02.txt	14 minutes ago
 test_github.txt	실습 2	4 days ago
 보고서양식.hwp	실습 1	4 days ago
 소프트웨어개발도구및환경실습_...	실습 1	4 days ago

 alogeclock (branch03) create test_branch03.txt 1af2121 · 12 minutes ago  8 Commits		
 1주차	실습 1	4 days ago
 2주차	실습 1	4 days ago
 3주차	실습 1	4 days ago
 4주차	실습 1	4 days ago
 5주차	5주차 실습 제출물	4 days ago
 test_branch03.txt	(branch03) create test_branch03.txt	12 minutes ago
 test_github.txt	실습 2	4 days ago
 보고서양식.hwp	실습 1	4 days ago
 소프트웨어개발도구및환경실습_...	실습 1	4 days ago