```
김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git diff main origin/main
diff --git a/hello.md b/hello.md
index 8b13789..aef9cd1 100644
--- a/hello.md
+++ b/hello.md
@@ -1 +1,3 @@
+# 지역저장소와 연동
+
+## push와 pull

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ cat hello.md

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git switch origin/main
fatal: a branch is expected, got remote branch 'origin/main'
hint: If you want to detach HEAD at the commit, try again with the --detach opt
on.

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git checkout origin/main
Note: switching to 'origin/main'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

  git switch -c <new-branch-name>

Or undo this operation with:

  git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 5005006 Update hello.md

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework ((5005006...))
$ cat hello.md
# 지역저장소와 연동

## push와 pull
```

```
$ git merge origin/main
Updating efbacaa..5005006
Fast-forward
 hello.md | 2 ++
 1 file changed, 2 insertions(+)

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git log --oneline --graph --all
* 5005006 (HEAD -> main, origin/main, origin/HEAD) Update hello.md
* efbacaa Create hello.md
* 8311669 Add files via upload
* 347f134 Add files via upload
* 4d83548 Add files via upload
* 0c6bc26 Add files via upload
* 67ae017 Add files via upload
* 2858a14 Initial commit

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ cat hello.md
# 지역저장소와 연동

## push와 pull

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git diff main origin/main

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git remote show origin
* remote origin
  Fetch URL: https://github.com/rlawnsqja2/ossHomework.git
  Push  URL: https://github.com/rlawnsqja2/ossHomework.git
  HEAD branch: main
  Remote branch:
    main tracked
  Local branch configured for 'git pull':
    main merges with remote main
  Local ref configured for 'git push':
    main pushes to main (up to date)

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git log --oneline --graph --all
* 5005006 (HEAD -> main, origin/main, origin/HEAD) Update hello.md
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* 0c6bc26 Add files via upload
* 67ae017 Add files via upload
* 2858a14 Initial commit

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git push
 fatal: 응답 상태 코드가 성공을 나타내지 않습니다. 401(Unauthorized).
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-g
it/about-remote-repositories#cloning-with-https-urls for information on currentl
y recommended modes of authentication.
```

```
김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework ((5005006...))
$ git checkout -
Previous HEAD position was 5005006 Update hello.md
Switched to branch 'main'
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git log --oneline --graph --all
* 5005006 (origin/main, origin/HEAD) Update hello.md
* efbacaa (HEAD -> main) Create hello.md
* 8311669 Add files via upload
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* 4d83548 Add files via upload
* 0c6bc26 Add files via upload
* 67ae017 Add files via upload
* 2858a14 Initial commit

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git switch -d origin/main
HEAD is now at 5005006 Update hello.md

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework ((5005006...))
$ git log --oneline --graph --all
* 5005006 (HEAD, origin/main, origin/HEAD) Update hello.md
* efbacaa (main) Create hello.md
* 8311669 Add files via upload
* 347f134 Add files via upload
* 4d83548 Add files via upload
* 0c6bc26 Add files via upload
* 67ae017 Add files via upload
* 2858a14 Initial commit

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework ((5005006...))
$ git switch -
Previous HEAD position was 5005006 Update hello.md
Switched to branch 'main'
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git log --oneline --graph --all
* 5005006 (origin/main, origin/HEAD) Update hello.md
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* 67ae017 Add files via upload
* 2858a14 Initial commit

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git remote show origin
* remote origin
  Fetch URL: https://github.com/rlawnsqja2/ossHomework.git
  Push  URL: https://github.com/rlawnsqja2/ossHomework.git
  HEAD branch: main
  Remote branch:
    main tracked
  Local branch configured for 'git pull':
    main merges with remote main
  Local ref configured for 'git push':
    main pushes to main (up to date)

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git push
Everything up-to-date
```

20231559 김준범 oss 실습5

```
$ git clone https://github.com/rlawnsqja2/ossHomework.git
Cloning into 'ossHomework'...
remote: Enumerating objects: 23, done.
remote: Counting objects: 100% (23/23), done.
remote: Compressing objects: 100% (22/22), done.
remote: Total 23 (delta 6), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (23/23), 1.02 MiB | 3.27 MiB/s, done.
Resolving deltas: 100% (6/6), done.

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch (develop)
$ cd ossHomework

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git branch --all
* main
  remotes/origin/HEAD -> origin/main
  remotes/origin/main

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git pull
Already up to date.

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git diff main origin/main

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ ls
'20231559 김 준 범  oss  git cheat sheet 제 작 .pdf'   LICENSE
'20231559 김 준 범  oss 실 습 1.pdf'                   README.md
'20231559 김 준 범  oss 실 습 2.pdf'                   gbrch.zip
'20231559 김 준 범  oss 실 습 3.pdf'                   hello.md

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 698 bytes | 87.00 KiB/s, done.
From https://github.com/rlawnsqja2/ossHomework
   efbacaa..5005006  main       -> origin/main

김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git log --oneline --graph --all
* 5005006 (origin/main, origin/HEAD) Update hello.md
* efbacaa (HEAD -> main) Create hello.md
* 8311669 Add files via upload
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김 준 범 @LAPTOP-3QUO5STD MINGW64 ~/gbrch/ossHomework (main)
$ git diff main origin/main
diff --git a/hello.md b/hello.md
index 8b13789..aef9cd1 100644
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