

03주 commit log & clone pull

MINGW64:/c/OSS/git/03w/repo-test

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w
$ git config --global --list
user.name=jxh61431
user.email=iii00h3@gmail.com
core.autocrlf=true
core.safecrlf=false
core.editor=code --wait
core.initdefaultbranch=main
init.defaultbranch=main

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w
$ git init adv
Initialized empty Git repository in C:/OSS/git/03w/adv/.git/

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w
$ cd adv

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ code hello.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ python hello.py
['p', 'y', 't', 'h', 'o', 'n']

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git config --global alias.st status

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    hello.py

nothing added to commit but untracked files present (use "git add" to track)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ rm hello.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ ls

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

nothing to commit (create/copy files and use "git add" to track)
```

MINGW64/c/OSS/git/03w/repo-test

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ code basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ python basic.py
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    basic.py

nothing added to commit but untracked files present (use "git add" to track)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git add basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ code basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ python basic.py
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
[1, 4, 7, 10, 13, 16, 19]

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   basic.py

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   basic.py
```

MINGW64:/c/OSS/git/03w/repo-test

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git rm --cached basic.py
error: the following file has staged content different from both the
file and the HEAD:
    basic.py
(use -f to force removal)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git rm --cached -f basic.py
rm 'basic.py'

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    basic.py

nothing added to commit but untracked files present (use "git add" to track)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ cat basic.py
print(list(range(10)))
print(list(range(1, 20, 3)))

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git add basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git rm --cached basic.py
rm 'basic.py'
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        basic.py

nothing added to commit but untracked files present (use "git add" to track)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git config --global alias.sts 'status -s'

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git sts
?? basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git add basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git commit -m'create basic.py'
[main (root-commit) 07e03d3] create basic.py
1 file changed, 2 insertions(+)
create mode 100644 basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log
commit 07e03d30cb7b2a212abd0d448afe44915b986154 (HEAD -> main)
Author: jxh61431 <iii00h3@gmail.com>
Date:   Sun Nov 20 23:27:45 2022 +0900

    create basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main
nothing to commit, working tree clean

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git rm --cached basic.py
rm 'basic.py'

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    basic.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        basic.py
```



```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git sts
D basic.py
?? basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git restore --staged basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main
nothing to commit, working tree clean

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ cat basic.py
print(list(range(10)))
print(list(range(1, 20, 3)))

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ code basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   basic.py

no changes added to commit (use "git add" and/or "git commit -a")

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git commit -am 'add comp list to basic.py'
[main ff1594a] add comp list to basic.py
1 file changed, 1 insertion(+)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git st
On branch main
nothing to commit, working tree clean

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log --oneline --graph
* ff1594a (HEAD -> main) add comp list to basic.py
* 07e03d3 create basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ code basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ python basic.py
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
[1, 4, 7, 10, 13, 16, 19]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
{0: 0, 1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81}
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git commit -am'add comp dict to basic.py'
[main 144853a] add comp dict to basic.py
1 file changed, 1 insertion(+)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log
commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:32:59 2022 +0900

    add comp dict to basic.py

commit ff1594a2a56365991392500e88ba47ed5b39fdef
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:30:42 2022 +0900

    add comp list to basic.py

commit 07e03d30cb7b2a212abd0d448afe44915b986154
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:27:45 2022 +0900

    create basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log basic.py
commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:32:59 2022 +0900

    add comp dict to basic.py

commit ff1594a2a56365991392500e88ba47ed5b39fdef
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:30:42 2022 +0900

    add comp list to basic.py

commit 07e03d30cb7b2a212abd0d448afe44915b986154
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:27:45 2022 +0900

    create basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log --oneline --graph
* 144853a (HEAD -> main) add comp dict to basic.py
* ff1594a add comp list to basic.py
* 07e03d3 create basic.py
```

MINGW64:/c/OSS/git/03w/repo-test

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)

\$ git log

commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)

Author: jxh61431 <iii00h3@gmail.com>

Date: Sun Nov 20 23:32:59 2022 +0900

add comp dict to basic.py

commit ff1594a2a56365991392500e88ba47ed5b39fdef

Author: jxh61431 <iii00h3@gmail.com>

Date: Sun Nov 20 23:30:42 2022 +0900

add comp list to basic.py

commit 07e03d30cb7b2a212abd0d448afe44915b986154

Author: jxh61431 <iii00h3@gmail.com>

Date: Sun Nov 20 23:27:45 2022 +0900

create basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)

\$ git log --pretty=short

commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)

Author: jxh61431 <iii00h3@gmail.com>

add comp dict to basic.py

commit ff1594a2a56365991392500e88ba47ed5b39fdef

Author: jxh61431 <iii00h3@gmail.com>

add comp list to basic.py

commit 07e03d30cb7b2a212abd0d448afe44915b986154

Author: jxh61431 <iii00h3@gmail.com>

create basic.py

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)

\$ git show head

commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)

Author: jxh61431 <iii00h3@gmail.com>

Date: Sun Nov 20 23:32:59 2022 +0900

add comp dict to basic.py

diff --git a/basic.py b/basic.py

index c389246..be11630 100644

--- a/basic.py

+++ b/basic.py

@@ -1,3 +1,4 @@

print(list(range(10)))

print(list(range(1, 20, 3)))

print([i for i in range(10)])

+print({i:i*i for i in range(10)})


```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git show 1448
commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:32:59 2022 +0900
```

```
add comp dict to basic.py
```

```
diff --git a/basic.py b/basic.py
index c389246..be11630 100644
--- a/basic.py
+++ b/basic.py
@@ -1,3 +1,4 @@
 print(list(range(10)))
 print(list(range(1, 20, 3)))
 print([i for i in range(10)])
+print({i:i*i for i in range(10)})
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log --oneline
144853a (HEAD -> main) add comp dict to basic.py
ff1594a add comp list to basic.py
07e03d3 create basic.py
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log --pretty=oneline
144853a911351302fb374217402cc654997e4158 (HEAD -> main) add comp dict to basic.py
ff1594a2a56365991392500e88ba47ed5b39fdef add comp list to basic.py
07e03d30cb7b2a212abd0d448afe44915b986154 create basic.py
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
$ git log -p
commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:32:59 2022 +0900
```

```
add comp dict to basic.py
```

```
diff --git a/basic.py b/basic.py
index c389246..be11630 100644
--- a/basic.py
+++ b/basic.py
@@ -1,3 +1,4 @@
 print(list(range(10)))
 print(list(range(1, 20, 3)))
 print([i for i in range(10)])
+print({i:i*i for i in range(10)})

commit ff1594a2a56365991392500e88ba47ed5b39fdef
Author: jxh61431 <iii00h3@gmail.com>
Date: Sun Nov 20 23:30:42 2022 +0900
```

```
add comp list to basic.py
```

```
diff --git a/basic.py b/basic.py
index 68315fc..c389246 100644
--- a/basic.py
+++ b/basic.py
@@ -1,2 +1,3 @@
 print(list(range(10)))
 print(list(range(1, 20, 3)))
+print([i for i in range(10)])
```



```
commit 07e03d30cb7b2a212abd0d448afe44915b986154
```

```
Author: jxh61431 <iii00h3@gmail.com>
```

```
Date: Sun Nov 20 23:27:45 2022 +0900
```

```
create basic.py
```

```
diff --git a/basic.py b/basic.py
```

```
new file mode 100644
```

```
index 0000000..68315fc
```

```
--- /dev/null
```

```
+++ b/basic.py
```

```
@@ -0,0 +1,2 @@
```

```
+print(list(range(10)))
```

```
+print(list(range(1, 20, 3)))
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
```

```
$ git log --stat
```

```
commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)
```

```
Author: jxh61431 <iii00h3@gmail.com>
```

```
Date: Sun Nov 20 23:32:59 2022 +0900
```

```
add comp dict to basic.py
```

```
basic.py | 1 +
```

```
1 file changed, 1 insertion(+)
```

```
commit ff1594a2a56365991392500e88ba47ed5b39fdef
```

```
Author: jxh61431 <iii00h3@gmail.com>
```

```
Date: Sun Nov 20 23:30:42 2022 +0900
```

```
add comp list to basic.py
```

```
basic.py | 1 +
```

```
1 file changed, 1 insertion(+)
```

```
commit 07e03d30cb7b2a212abd0d448afe44915b986154
```

```
Author: jxh61431 <iii00h3@gmail.com>
```

```
Date: Sun Nov 20 23:27:45 2022 +0900
```

```
create basic.py
```

```
basic.py | 2 ++
```

```
1 file changed, 2 insertions(+)
```

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)
```

```
$ git log --stat -2
```

```
commit 144853a911351302fb374217402cc654997e4158 (HEAD -> main)
```

```
Author: jxh61431 <iii00h3@gmail.com>
```

```
Date: Sun Nov 20 23:32:59 2022 +0900
```

```
add comp dict to basic.py
```

```
basic.py | 1 +
```

```
1 file changed, 1 insertion(+)
```

MINGW64:/c/OSS/git/03w/repo-test

commit ff1594a2a56365991392500e88ba47ed5b39fdef

Author: jxh61431 <iii00h3@gmail.com>

Date: Sun Nov 20 23:30:42 2022 +0900

add comp list to basic.py

basic.py | 1 +
1 file changed, 1 insertion(+)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/adv (main)

\$ cd ..

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w

\$ git clone https://github.com/jxh61431/repo-test.git

Cloning into 'repo-test'...

remote: Enumerating objects: 16, done.

remote: Counting objects: 100% (16/16), done.

remote: Compressing objects: 100% (10/10), done.

remote: Total 16 (delta 1), reused 2 (delta 0), pack-reused 0

Receiving objects: 100% (16/16), done.

Resolving deltas: 100% (1/1), done.

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w

\$ cd repo-test

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)

\$ git remote

origin

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)

\$ git remote -v

origin https://github.com/jxh61431/repo-test.git (fetch)

origin https://github.com/jxh61431/repo-test.git (push)

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)

\$ git pull

Already up to date.

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)

\$ git pull

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 5 (delta 2), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (5/5), 1.23 KiB | 27.00 KiB/s, done.

From https://github.com/jxh61431/repo-test

a4eae4b..6077a71 main -> origin/main

Updating a4eae4b..6077a71

Fast-forward

basic.py => happy.py | 0

hello.md | 1 +

2 files changed, 1 insertion(+)

rename basic.py => happy.py (100%)

create mode 100644 hello.md

```
이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)
$ git push
Everything up-to-date

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)
$ git push -u
Everything up-to-date
branch 'main' set up to track 'origin/main'.

이 주 현 @DESKTOP-5AUTIF4 MINGW64 /c/OSS/git/03w/repo-test (main)
$
```