

4. git명령어2

▼ 작업트리 수정 내역 다시 되돌리기(반드시 커밋이 한 번이라도 완료된 데이터여야 가능)

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ vim 1.txt

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ cat 1.txt
1번 파일
수정

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git status
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:   1.txt

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

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git checkout -- 1.txt

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git status
On branch main
nothing to commit, working tree clean

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
```

```
$ cat 1.txt
1번 파일
```

▼ 스테이징된 파일 취소하기

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   1.txt

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git reset HEAD 1.txt
Unstaged changes after reset:
M       1.txt

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git status
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:   1.txt

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

▼ 최신 커밋한 파일 되돌리기

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git reset head^
Unstaged changes after reset:
M       1.txt
```

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git status
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:   1.txt

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

▼ reset 옵션

명령	설명
—soft HEAD^	최근 커밋을 하기 전 상태로 작업 트리를 되돌립니다.
—mixed HEAD^	최근 커밋과 스테이징을 하기 전 상태로 작업트리를 되돌립니다. reset의 default 옵션
—hard HEAD^	최근 커밋과 스테이징, 파일 수정하기 전 상태로 작업트리를 되돌림. 이 옵션내용은 복구 불가
—hard 커밋해시값	해당 해시로 되돌리기

▼ 커밋 삭제하지 않고 되돌리기 (revert)

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git log
commit 6904ba0ce212efc5d101e5f69a93a9cc7533f5cf (HEAD -> main)
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 03:44:58 2024 +0900

    v1.2

commit 464e81532f003a408ed6f031be2268d1994a9780
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 03:44:19 2024 +0900

    v1.1
```

```

commit 7ec94bcaca131ad3bd09bb9c5d3d0a1f75ec7c46
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 02:12:00 2024 +0900

    v1.0

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git revert 6904ba0ce212efc5d101e5f69a93a9cc7533f5cf /*V
[main 6a80f5c] Revert "v1.2"
    1 file changed, 3 deletions(-)

ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
$ git log
commit 6a80f5c978f208cda5ff15b05c064ae3f9c50191 (HEAD -> m
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 03:45:43 2024 +0900

    Revert "v1.2"

    This reverts commit 6904ba0ce212efc5d101e5f69a93a9cc75.

commit 6904ba0ce212efc5d101e5f69a93a9cc7533f5cf
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 03:44:58 2024 +0900

    v1.2

commit 464e81532f003a408ed6f031be2268d1994a9780
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 03:44:19 2024 +0900

    v1.1

commit 7ec94bcaca131ad3bd09bb9c5d3d0a1f75ec7c46
Author: ym <ikarosala@gmail.com>
Date:   Mon Oct 28 02:12:00 2024 +0900

```

v1.0

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
```

```
$ cat 1.txt
```

1번 파일

수정

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
```

```
$ git reset --hard 6904ba0ce212efc5d101e5f69a93a9cc7533f5c  
HEAD is now at 6904ba0 v1.2
```

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
```

```
$ git log
```

```
commit 6904ba0ce212efc5d101e5f69a93a9cc7533f5cf (HEAD -> m
```

```
Author: ym <ikarosala@gmail.com>
```

```
Date: Mon Oct 28 03:44:58 2024 +0900
```

v1.2

```
commit 464e81532f003a408ed6f031be2268d1994a9780
```

```
Author: ym <ikarosala@gmail.com>
```

```
Date: Mon Oct 28 03:44:19 2024 +0900
```

v1.1

```
commit 7ec94bcaca131ad3bd09bb9c5d3d0a1f75ec7c46
```

```
Author: ym <ikarosala@gmail.com>
```

```
Date: Mon Oct 28 02:12:00 2024 +0900
```

v1.0

```
ikaro@chocosoo MINGW64 /c/ikarosalaLocal (main)
```

```
$ cat 1.txt
```

1번 파일

수정

a

b

c