```
$ git init gfile
Initialized empty Git repository in C:/Users/김 준 범 /basic/basic/gfile/.

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic (main)
$ cd gfile

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ echo aaa > f

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git add f

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git commit -m A
[main (root-commit) 6eb30c5] A
 1 file changed, 1 insertion(+)
 create mode 100644 f

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ gil log --oneline
bash: gil: command not found

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ echo bbb >> f

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git status -s
 M f

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff
diff --git a/f b/f
index 72943a1..dbee026 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 aaa
+bbb

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff --staged
g
김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff HEAD
diff --git a/f b/f
index 72943a1..dbee026 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 aaa
+bbb

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git add f

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git status -s
```

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```
$ git diff
g
$ git diff --staged
diff --git a/f b/f
index 72943a1..dbee026 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 aaa
+bbb
김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff HEAD
diff --git a/f b/f
index 72943a1..dbee026 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 aaa
+bbb
김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git commit -m B
[main a7dcf63] B
 1 file changed, 1 insertion(+)

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git log --oneline
a7dcf63 (HEAD -> main) B
6eb30c5 A

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git status
On branch main
nothing to commit, working tree clean

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff --staged
g
김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff HEAD

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff HEAD~ HEAD
diff --git a/f b/f
index 72943a1..dbee026 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 aaa
+bbb

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
```

```
$ git diff --satged HEAD~
usage: git diff [<options>] [<commit>] [--] [<path>...]
   or: git diff [<options>] --cached [--merge-base] [<commit>] [--] [<pa
   or: git diff [<options>] [--merge-base] <commit> [<commit>...] <commi
path>...]
   or: git diff [<options>] <commit>...<commit> [--] [<path>...]
   or: git diff [<options>] <blob> <blob>
   or: git diff [<options>] --no-index [--] <path> <path>

common diff options:
  -z            output diff-raw with lines terminated with NUL.
  -p            output patch format.
  -u            synonym for -p.
  --patch-with-raw
                output both a patch and the diff-raw format.
  --stat        show diffstat instead of patch.
  --numstat     show numeric diffstat instead of patch.
  --patch-with-stat
                output a patch and prepend its diffstat.
  --name-only   show only names of changed files.
  --name-status show names and status of changed files.
  --full-index  show full object name on index lines.
  --abbrev=<n>  abbreviate object names in diff-tree header and diff-raw
  -R            swap input file pairs.
  -B            detect complete rewrites.
  -M            detect renames.
  -C            detect copies.
  --find-copies-harder
                try unchanged files as candidate for copy detection.
  -l<n>         limit rename attempts up to <n> paths.
  -O<file>      reorder diffs according to the <file>.
  -S<string>    find filepair whose only one side contains the string.
  --pickaxe-all
                show all files diff when -S is used and hit is found.
  -a  --text    treat all files as text.

김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff HEAD HEAD~
diff --git a/f b/f
index dbee026..72943a1 100644
--- a/f
+++ b/f
@@ -1,2 +1 @@
 aaa
-bbb
g
김 준 범 @LAPTOP-3QUOS5TD MINGW64 ~/basic/basic/gfile (main)
$ git diff HEAD~
diff --git a/f b/f
index 72943a1..dbee026 100644
--- a/f
+++ b/f
@@ -1 +1,2 @@
 aaa
+bbb
```

```
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git config --global alias.ss 'status -s'

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git config --global alias.s status

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git s
On branch main
nothing to commit, working tree clean

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git config --global alias.co checkout

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git co

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git config --global alias.br branch
g
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git br
* main

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git config --global alias.c commit

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git c
On branch main
nothing to commit, working tree clean

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ echo 111 > g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git add f g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git commit -m 1
[main 039ec30] 1
 1 file changed, 1 insertion(+)
 create mode 100644 g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git log --oneline
039ec30 (HEAD -> main) 1
a7dcf63 B
6eb30c5 A

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f  g
```

```
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
AD g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f
g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git restore g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f
g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f  g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git restore g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f  g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git satus
git: 'satus' is not a git command. See 'git --help'.

The most similar command is
        status
g
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
A  g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git rm --cached g
rm 'g'

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
```

```
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git rm g
rm 'g'

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
D  g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
D  g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git commit -m 'Delete g'
[main b51074c] Delete g
 1 file changed, 1 deletion(-)
 delete mode 100644 g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
g
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git log --oneline
b51074c (HEAD -> main) Delete g
039ec30 1
a7dcf63 B
6eb30c5 A

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git restore --source=HEAD~ --staged g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   g
```

```
$ git rm --cached g
fatal: pathspec 'g' did not match any files

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f
g
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        g

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

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
?? g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ rm g

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ rm g
rm: cannot remove 'g': No such file or directory

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git status
On branch main
nothing to commit, working tree clean

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f
g
김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git rm f
rm 'f'

김 준 범 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
D  f
```

```
길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git restore --source=HEAD f

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss
D  f
?? f

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    f

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

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f
g
길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ rmf
bash: rmf: command not found

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ rm f

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git restore --source=HEAD --staged --worktree f
l
길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ ls
f

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ls-files
f

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
$ git ss

길 흠 불 @LAPTOP-3QU0S5TD MINGW64 ~/basic/basic/gfile (main)
```