

```
MINGW64/c/[git-master]/gbrch
qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gtag (main)
$ cd ..

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master] (main)
$ git init gbrch
Initialized empty Git repository in C:/[git-master]/gbrch/.git/

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master] (main)
$ cd gbrch

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git branch -M master

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (master)
$ git branch -M main

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ touch README

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git add README

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git commit -m A
[main (root-commit) f807d8b] A
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git log --oneline
f807d8b (HEAD -> main) A

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git branch topic

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git branch
* main
  topic

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ |
```

```
MINGW64/c/[git-master]/gbrch
* main f807d8b A
  topic f807d8b A

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git log --oneline --all
f807d8b (HEAD -> main, topic) A

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ touch hi.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git add hi.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git commit -m B
[main ab128f1] B
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 hi.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git log --oneline
ab128f1 (HEAD -> main) B
f807d8b (topic) A

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git log -[
Fatal: unrecognized argument: -[

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git log -p
commit ab128f178c33707ecb7b475b946384a082913750 (HEAD -> main)
Author: youngwoo28 <qkrdlfvy0@naver.com>
Date: Fri Dec 8 22:51:28 2023 +0900

    B

diff --git a/hi.txt b/hi.txt
new file mode 100644
index 0000000..e69de29

commit f807d8b606931583e375ecd5a87aa5fde3bbaa30 (topic)
Author: youngwoo28 <qkrdlfvy0@naver.com>
Date: Fri Dec 8 22:48:06 2023 +0900

    A

diff --git a/README b/README
new file mode 100644
index 0000000..e69de29

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ |
```

```
MINGW64/c/[git-master]/gbrch

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git switch topic
Switched to branch 'topic'

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ git switch
fatal: missing branch or commit argument

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ git switch -
Switched to branch 'main'

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git switch -d HEAD~
HEAD is now at f807d8b A

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch ((f807d8b...))
$ ls
README

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch ((f807d8b...))
$ git switch main
Previous HEAD position was f807d8b A
Switched to branch 'main'

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ |
```

```
MINGW64/c/[git-master]/gbrch

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ echo 111 > to.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ git add to.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ git commit -m TOP1
[topic b796c86] TOP1
1 file changed, 1 insertion(+)
create mode 100644 to.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ ls
README  to.txt

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ git branch -d hotfix
error: branch 'hotfix' not found.

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (topic)
$ git switch main
Switched to branch 'main'

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (main)
$ git switch -c hotfix
Switched to a new branch 'hotfix'

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch (hotfix)
$ git checkout HEAD~
Note: switching to 'HEAD~'.

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 f807d8b A

qkrdl@DESKTOP-I07MCK4 MINGW64 /c/[git-master]/gbrch ((f807d8b...))
$
```

