

MINGW64:/c/Users/Epc/Desktop/work

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work ((v1-beta))
$ git log main --all
cf8d6d7 2025-01-15 | Added HTML header (tag: v1, main) [Yersultan]
988a12f 2025-01-15 | Added standard HTML page tags (HEAD, tag: v1-beta) [Yersultan]
7c5039f 2025-01-15 | Added h1 tag [Yersultan]
18238af 2025-01-15 | Initial commit [Yersultan]
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work ((v1-beta))
$ git switch main
Previous HEAD position was 988a12f Added standard HTML page tags
Switched to branch 'main'
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (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:   hello.html

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

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git checkout hello.html
Updated 1 path from the index
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git status
On branch main
nothing to commit, working tree clean
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ cat hello.html
<html>
<head>
</head>
<body>
<h1> Hello, World! </h1>
</body>
</html>
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git add hello.html
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   hello.html
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git reset HEAD hello.html
Unstaged changes after reset:
M    hello.html
```

MINGW64:/c/Users/Epc/Desktop/work

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)
$ git log
cf8d6d7 2025-01-15 | Added HTML header (HEAD -> main, tag: v1) [Yersultan]
988a12f 2025-01-15 | Added standard HTML page tags [Yersultan]
7c5039f 2025-01-15 | Added h1 tag [Yersultan]
18238af 2025-01-15 | Initial commit [Yersultan]
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ git checkout v1^
```

Note: switching to 'v1^'.

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 988a12f Added standard HTML page tags

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((988a12f...))

```
$ cat hello.html
```

```
<html>
<body>
<h1> Hello, World! </h1>
</body>
</html>
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((988a12f...))

```
$ git tag v1-beta
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((v1-beta))

```
$ git log
```

```
988a12f 2025-01-15 | Added standard HTML page tags (HEAD, tag: v1-beta) [Yersultan]
7c5039f 2025-01-15 | Added h1 tag [Yersultan]
18238af 2025-01-15 | Initial commit [Yersultan]
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((v1-beta))

```
$ git checkout v1
```

Previous HEAD position was 988a12f Added standard HTML page tags

HEAD is now at cf8d6d7 Added HTML header

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((v1))

```
$ git checkout v1-beta
```

Previous HEAD position was cf8d6d7 Added HTML header

HEAD is now at 988a12f Added standard HTML page tags

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((v1-beta))

```
$ git tag
```

MINGW64:/c/Users/Epc/Desktop/work

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ cat hello.html
```

```
<html>
<head>
</head>
<body>
<h1> Hello, World! </h1>
</body>
</html>
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ git checkout <hash>
```

bash: syntax error near unexpected token `newline'

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ git checkout 18238af
```

Note: switching to '18238af'.

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 18238af Initial commit

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((18238af...))

```
$ cat hello.html
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((18238af...))

```
$ git log
```

```
18238af 2025-01-15 | Initial commit (HEAD) [Yersultan]
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work ((18238af...))

```
$ git switch main
```

Previous HEAD position was 18238af Initial commit

Switched to branch 'main'

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ cat hello.html
```

```
<html>
<head>
</head>
<body>
<h1> Hello, World! </h1>
</body>
</html>
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ git tag v1
```

MINGW64:/c/Users/Epc/Desktop/work

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git log --pretty=format:"%h %ad | %s%d [%an]" --date=short
cf8d6d7 2025-01-15 | Added HTML header (HEAD -> main) [Yersultan]
988a12f 2025-01-15 | Added standard HTML page tags [Yersultan]
7c5039f 2025-01-15 | Added h1 tag [Yersultan]
18238af 2025-01-15 | Initial commit [Yersultan]
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git config --global format.pretty "%h %ad | %s%d [%an]"
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git config --global log.date short
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git log
commit: cf8d6d7563c5bee8141c9d9697b42a3c7ca74f9a (HEAD -> main)
Author: Yersultan <ersultank1010@gmail.com>
Date: 2025-01-15
```

Added HTML header

```
commit: 988a12f0df1aa2e592df7dc2af07ccb45023a785
Author: Yersultan <ersultank1010@gmail.com>
Date: 2025-01-15
```

Added standard HTML page tags

```
commit: 7c5039f9c38088379ca5e5e4a4ce0a8ae0ce1719
Author: Yersultan <ersultank1010@gmail.com>
Date: 2025-01-15
```

Added h1 tag

```
commit: 18238aff84ea77bc7ff715102c7f3d95de8d5282
Author: Yersultan <ersultank1010@gmail.com>
Date: 2025-01-15
```

Initial commit

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ ^C
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git config --global format.pretty "%h %ad | %s%d [%an]"
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git config --global log.date short
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git log
cf8d6d7 2025-01-15 | Added HTML header (HEAD -> main) [Yersultan]
988a12f 2025-01-15 | Added standard HTML page tags [Yersultan]
7c5039f 2025-01-15 | Added h1 tag [Yersultan]
18238af 2025-01-15 | Initial commit [Yersultan]
```

```
Epc@DESKTOP-VP8INF7 MINGW64 ~/Desktop/work (main)
$ git checkout <hash>
```

MINGW64:/c/Users/Epc/Desktop/work

```
commit 7c5039f9c38088379ca5e5e4a4ce0a8ae0ce1719
Author: Yersultan <ersultank1010@gmail.com>
Date: Wed Jan 15 20:50:48 2025 +0600
```

Added h1 tag

```
commit 18238aff84ea77bc7ff715102c7f3d95de8d5282
Author: Yersultan <ersultank1010@gmail.com>
Date: Wed Jan 15 20:43:08 2025 +0600
```

Initial commit

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git log

```
commit cf8d6d7563c5bee8141c9d9697b42a3c7ca74f9a (HEAD -> main)
Author: Yersultan <ersultank1010@gmail.com>
Date: Wed Jan 15 20:59:09 2025 +0600
```

Added HTML header

```
commit 988a12f0df1aa2e592df7dc2af07ccb45023a785
Author: Yersultan <ersultank1010@gmail.com>
Date: Wed Jan 15 20:57:22 2025 +0600
```

Added standard HTML page tags

```
commit 7c5039f9c38088379ca5e5e4a4ce0a8ae0ce1719
Author: Yersultan <ersultank1010@gmail.com>
Date: Wed Jan 15 20:50:48 2025 +0600
```

Added h1 tag

```
commit 18238aff84ea77bc7ff715102c7f3d95de8d5282
Author: Yersultan <ersultank1010@gmail.com>
Date: Wed Jan 15 20:43:08 2025 +0600
```

Initial commit

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git log --pretty=oneline

```
cf8d6d7563c5bee8141c9d9697b42a3c7ca74f9a (HEAD -> main) Added HTML header
988a12f0df1aa2e592df7dc2af07ccb45023a785 Added standard HTML page tags
7c5039f9c38088379ca5e5e4a4ce0a8ae0ce1719 Added h1 tag
18238aff84ea77bc7ff715102c7f3d95de8d5282 Initial commit
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

```
$ git log --pretty=format:"%h %ad | %s%d [%an]" --date=short
cf8d6d7 2025-01-15 | Added HTML header (HEAD -> main) [Yersultan]
988a12f 2025-01-15 | Added standard HTML page tags [Yersultan]
7c5039f 2025-01-15 | Added h1 tag [Yersultan]
18238af 2025-01-15 | Initial commit [Yersultan]
```

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git config --global format.pretty '%h %ad | %s%d [%an]'

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git config --global log.date short



MINGW64:/c/Users/Epc/Desktop/work

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git status

On branch main

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: hello.html

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: hello.html

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git commit -m "Added standard HTML page tags"

[main 988a12f] Added standard HTML page tags

1 file changed, 5 insertions(+), 1 deletion(-)

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (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: hello.html

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

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git add .

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git status

On branch main

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: hello.html

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git commit -m "Added HTML header"

[main cf8d6d7] Added HTML header

1 file changed, 2 insertions(+)

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)

\$ git log

commit cf8d6d7563c5bee8141c9d9697b42a3c7ca74f9a (HEAD -> main)

Author: Yersultan <ersultank1010@gmail.com>

Date: Wed Jan 15 20:59:09 2025 +0600

Added HTML header

commit 988a12f0df1aa2e592df7dc2af07ccb45023a785

Author: Yersultan <ersultank1010@gmail.com>

Date: Wed Jan 15 20:57:22 2025 +0600

Added standard HTML page tags

MINGW64:/c/Users/Epc/Desktop/work

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git commit -m "Initial commit"
[master (root-commit) 18238af] Initial commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 hello.html
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git branch -m master main
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)
$ git status
On branch main
nothing to commit, working tree clean
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)
$ <h1> hello world </h1>
bash: syntax error near unexpected token 'newline'
```

```
[main 7c5039f] Added h1 tag
1 file changed, 1 insertion(+)
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)
$ git status
On branch main
nothing to commit, working tree clean
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)
$ git add hello.html
```

```
Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (main)
```

MINGW64:/c/Users/Epc/Desktop/work

```
Epc@DESKTOP-VP8INFT MINGW64 ~
$ Desktop/
bash: Desktop/: Is a directory

Epc@DESKTOP-VP8INFT MINGW64 ~
$ cd Desktop/
bash: cd: Desktop/: No such file or directory

Epc@DESKTOP-VP8INFT MINGW64 ~
$ cd Desktop

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop
$ mkdir work

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop
$ cd work

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work
$ touch hello.html

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work
$ git init
Initialized empty Git repository in C:/Users/Epc/Desktop/work/.git/

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git add hello.html

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git commit -m "Initial commit"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Epc@DESKTOP-VP8INFT.(none)')

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git config --global user.name "Versultan"

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git config --global user.email "ersultank1010@gmail.com"

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git init
Reinitialized existing Git repository in C:/Users/Epc/Desktop/work/.git/

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
$ git add hello.html

Epc@DESKTOP-VP8INFT MINGW64 ~/Desktop/work (master)
```