```
PS C:\Users\User\Desktop\githowto\repositories> git config --global core.autocrlf true
PS C:\Users\User\Desktop\githowto\repositories> git config --global core.safecrlf warn
PS C:\Users\User\Desktop\githowto\repositories>
```

```
PS C:\Users\User\Desktop\githowto\repositories> cd work
PS C:\Users\User\Desktop\githowto\repositories\work> git init
Initialized empty Git repository in C:/Users/User/Desktop/githowto/repositories/work/.git/
PS C:\Users\User\Desktop\githowto\repositories\work> git add hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> git commit -m "Initial Commit"
[master (root-commit) ed64947] Initial Commit
 1 file changed, 5 insertions(+)
 create mode 100644 hello.html
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\User\Desktop\githowto\repositories\work> git branch -m master main
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch main
nothing to commit, working tree clean
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> 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")
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
...... you must specify path(s) to restore
PS C:\Users\User\Desktop\githowto\repositories\work> 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")
PS C:\Users\User\Desktop\githowto\repositories\work> git add hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html

PS C:\Users\User\Desktop\githowto\repositories\work> git commit -m "Changes for file"
[main 88d9518] Changes for file
 1 file changed, 1 insertion(+)
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git add hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> git commit
Aborting commit due to empty commit message.
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html

PS C:\Users\User\Desktop\githowto\repositories\work> git commit
[main 0a3251b] Added h1 tag Changes
 1 file changed, 1 insertion(+)
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> 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

PS C:\Users\User\Desktop\githowto\repositories\work> git add hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> 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

PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git commit -m "Updates"
[main e33abe6] Updates
 1 file changed, 12 insertions(+)
PS C:\Users\User\Desktop\githowto\repositories\work> 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")
PS C:\Users\User\Desktop\githowto\repositories\work> git add .
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html

PS C:\Users\User\Desktop\githowto\repositories\work> git commit -m "Updates"
[main cd62133] Updates
 1 file changed, 1 insertion(+)
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git log
commit cd6213381cf2cd6487dc9ad23a3b2e16ab7f0000 (HEAD -> main)
Author: BekzatSag <bsagimgeldiev@gmail.com>
Date:   Sat Jan 18 17:34:45 2025 +0500

    Updates

commit e33abe6092ed36e7b4f841619190561c87900940
Author: BekzatSag <bsagimgeldiev@gmail.com>
Date:   Sat Jan 18 17:33:59 2025 +0500

    Updates

commit 0a3251b7ec9f3bb9f83d8f16170c493e16889994
Author: BekzatSag <bsagimgeldiev@gmail.com>
Date:   Sat Jan 18 17:15:16 2025 +0500

    Added h1 tag
    Changes

commit 88d9518342cb4685614a4fb64dfd10837d1060d8
Author: BekzatSag <bsagimgeldiev@gmail.com>
Date:   Sat Jan 18 17:00:24 2025 +0500

    Changes for file

commit ed649470947fb386f89722ce011b908f9ad282e6
Author: BekzatSag <bsagimgeldiev@gmail.com>
Date:   Sat Jan 18 16:41:37 2025 +0500

    Initial Commit
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git log --pretty=oneline
cd6213381cf2cd6487dc9ad23a3b2e16ab7f0000 (HEAD -> main) Updates
e33abe6092ed36e7b4f841619190561c87900940 Updates
0a3251b7ec9f3bb9f83d8f16170c493e16889994 Added h1 tag Changes
88d9518342cb4685614a4fb64dfd10837d1060d8 Changes for file
ed649470947fb386f89722ce011b908f9ad282e6 Initial Commit
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git log --pretty=format:"%h %ad | %s%d [%an]" --date=short
cd62133 2025-01-18 | Updates (HEAD -> main) [BekzatSag]
e33abe6 2025-01-18 | Updates [BekzatSag]
0a3251b 2025-01-18 | Added h1 tag Changes [BekzatSag]
88d9518 2025-01-18 | Changes for file [BekzatSag]
ed64947 2025-01-18 | Initial Commit [BekzatSag]
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git config --global format.pretty '%h %ad | %s%d [%an]'
PS C:\Users\User\Desktop\githowto\repositories\work> git config --global log.date short
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git log
cd62133 2025-01-18 | Updates (HEAD, main) [BekzatSag]
e33abe6 2025-01-18 | Updates [BekzatSag]
0a3251b 2025-01-18 | Added h1 tag Changes [BekzatSag]
88d9518 2025-01-18 | Changes for file [BekzatSag]
ed64947 2025-01-18 | Initial Commit [BekzatSag]
PS C:\Users\User\Desktop\githowto\repositories\work> git checkout ed64947
Previous HEAD position was cd62133 Updates
HEAD is now at ed64947 Initial Commit
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> git switch main
Previous HEAD position was ed64947 Initial Commit
Switched to branch 'main'
PS C:\Users\User\Desktop\githowto\repositories\work> cat hello.html
<html>
<body>
    Hello World!
</body>
<body>
    Hello World!
</body>
<body>
    Hello World!
</body>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <head>
        Hello World!
    </head>
</html>
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
ed64947 2023-01-18 | Initial Commit [Bekzatsag]
PS C:\Users\User\Desktop\githowto\repositories\work> 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 e33abe6 Updates
PS C:\Users\User\Desktop\githowto\repositories\work> cat hello.html
<html>
<body>
    Hello World!
</body>
<body>
    Hello World!
</body>
<body>
    Hello World!
</body>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <h1>Hello, World!</h1>
    <head>
        Hello World!
    </head>
</html>
PS C:\Users\User\Desktop\githowto\repositories\work> █
```

```
ed64947 2025-01-18 | Initial Commit [BekzatSag]
PS C:\Users\User\Desktop\githowto\repositories\work> git tag v1_beta
PS C:\Users\User\Desktop\githowto\repositories\work> git log
e33abe6 2025-01-18 | Updates (HEAD, tag: v1_beta) [BekzatSag]
0a3251b 2025-01-18 | Added h1 tag Changes [BekzatSag]
88d9518 2025-01-18 | Changes for file [BekzatSag]
ed64947 2025-01-18 | Initial Commit [BekzatSag]
PS C:\Users\User\Desktop\githowto\repositories\work> git tag
v1
v1_beta
PS C:\Users\User\Desktop\githowto\repositories\work> git log main --all
cd62133 2025-01-18 | Updates (tag: v1, main) [BekzatSag]
e33abe6 2025-01-18 | Updates (HEAD, tag: v1_beta) [BekzatSag]
0a3251b 2025-01-18 | Added h1 tag Changes [BekzatSag]
88d9518 2025-01-18 | Changes for file [BekzatSag]
ed64947 2025-01-18 | Initial Commit [BekzatSag]
PS C:\Users\User\Desktop\githowto\repositories\work>
```

```
PS C:\Users\User\Desktop\githowto\repositories\work> 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")
PS C:\Users\User\Desktop\githowto\repositories\work> git add hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html

PS C:\Users\User\Desktop\githowto\repositories\work> git restore --staged hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> 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")
PS C:\Users\User\Desktop\githowto\repositories\work> git restore hello.html
PS C:\Users\User\Desktop\githowto\repositories\work> git status
On branch main
nothing to commit, working tree clean
PS C:\Users\User\Desktop\githowto\repositories\work>
```