Last login: Wed Sep 17 20:00:51 on ttys008

(base) macbook@MacBook-Air-Aruzhan ~ % git config --global user.name "Aruzhan"

(base) macbook@MacBook-Air-Aruzhan ~ % git config --global user.email "zhumabaiaruzhan0@gmail.com"

(base) macbook@MacBook-Air-Aruzhan ~ % git config --global init.defaultBranch main

(base) macbook@MacBook-Air-Aruzhan ~ % git config --global core.autocrlf input

git config --global core.safecrlf warn

(base) macbook@MacBook-Air-Aruzhan ~ % mkdir work

cd work

touch hello.html

mkdir: work: File exists

(base) macbook@MacBook-Air-Aruzhan work % git init

Reinitialized existing Git repository in /Users/macbook/work/.git/

(base) macbook@MacBook-Air-Aruzhan work % mkdir project

cd project

touch hello.html

(base) macbook@MacBook-Air-Aruzhan project % git init

Initialized empty Git repository in /Users/macbook/work/project/.git/

(base) macbook@MacBook-Air-Aruzhan project % git add hello.html

git commit -m "Initial Commit"

[main (root-commit) f1a5962] Initial Commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 hello.html

(base) macbook@MacBook-Air-Aruzhan project % git status

On branch main

nothing to commit, working tree clean

(base) macbook@MacBook-Air-Aruzhan project % echo "<h1>Hello, World!</h1>" > hello.html

zsh: event not found: </h1>

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % 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")

(base) macbook@MacBook-Air-Aruzhan project % git add hello.html

git status

On branch main

Changes to be committed:

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

modified: hello.html

(base) macbook@MacBook-Air-Aruzhan project % git commit

[main 535cd99] :wq :wq Added h1 tag

1 file changed, 2 insertions(+)

(base) macbook@MacBook-Air-Aruzhan project % git status

On branch main

nothing to commit, working tree clean

(base) macbook@MacBook-Air-Aruzhan project % git add hello.html

(base) macbook@MacBook-Air-Aruzhan project % git status

On branch main

nothing to commit, working tree clean

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % 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")

(base) macbook@MacBook-Air-Aruzhan project % git commit -m "Added standard HTML page tags"

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")

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")

(base) macbook@MacBook-Air-Aruzhan project % git add .

git status

On branch main

Changes to be committed:

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

modified: hello.html

(base) macbook@MacBook-Air-Aruzhan project % git commit -m "Added HTML header"

[main 1a895df] Added HTML header

1 file changed, 5 insertions(+)

(base) macbook@MacBook-Air-Aruzhan project % git log

commit 1a895dffd914f119e159c53469383237605c0118 (**HEAD -> main**)

Author: Aruzhan <zhumabaiaruzhan0@gmail.com>

Date: Wed Sep 17 20:33:28 2025 +0500

Added HTML header

commit 535cd99d2e87706e840f862bdfe15ead92b5d1dc

Author: Aruzhan <zhumabaiaruzhan0@gmail.com>

Date: Wed Sep 17 20:16:59 2025 +0500

:wq

:wq

Added h1 tag

commit f1a596283f0e2da9c9bc52379ff8b456b73e9273

Author: Aruzhan <zhumabaiaruzhan0@gmail.com>

Date: Wed Sep 17 20:12:51 2025 +0500

Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git log --pretty=oneline

1a895dffd914f119e159c53469383237605c0118 (**HEAD -> main**) Added HTML header

535cd99d2e87706e840f862bdfe15ead92b5d1dc :wq :wq Added h1 tag

f1a596283f0e2da9c9bc52379ff8b456b73e9273 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git commit --amend

[main f906242] Added HTML header

Date: Wed Sep 17 20:33:28 2025 +0500

1 file changed, 5 insertions(+)

(base) macbook@MacBook-Air-Aruzhan project % git log --pretty=oneline

f906242ef1847306b3c2283d5d3b50b4c70dd3e4 (**HEAD -> main**) Added HTML header

535cd99d2e87706e840f862bdfe15ead92b5d1dc :wq :wq Added h1 tag

f1a596283f0e2da9c9bc52379ff8b456b73e9273 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % git add hello.html

git commit -m "Added standard HTML page tags"

On branch main

nothing to commit, working tree clean

(base) macbook@MacBook-Air-Aruzhan project % git log --oneline

f906242 (**HEAD -> main**) Added HTML header

535cd99 :wq :wq Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git commit --amend

[main a403be3] Added HTML header

Date: Wed Sep 17 20:33:28 2025 +0500

1 file changed, 5 insertions(+)

(base) macbook@MacBook-Air-Aruzhan project % git rebase -i HEAD~2

[detached HEAD b3ee3a0] Added h1 tag

Date: Wed Sep 17 20:16:59 2025 +0500

1 file changed, 2 insertions(+)

Successfully rebased and updated refs/heads/main.

(base) macbook@MacBook-Air-Aruzhan project % git log --oneline

ffb4775 (**HEAD -> main**) Added HTML header

b3ee3a0 Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % git add hello.html

git commit -m "Added standard HTML page tags"

[main aa5307e] Added standard HTML page tags

1 file changed, 1 insertion(+), 1 deletion(-)

(base) macbook@MacBook-Air-Aruzhan project % git log --oneline

aa5307e (**HEAD -> main**) Added standard HTML page tags

ffb4775 Added HTML header

b3ee3a0 Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git log --pretty=format:"%h %ad | %s%d [%an]" --date=short

aa5307e 2025-09-17 | Added standard HTML page tags (HEAD -> main) [Aruzhan]

ffb4775 2025-09-17 | Added HTML header [Aruzhan]

b3ee3a0 2025-09-17 | Added h1 tag [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % git config --global format.pretty '%h %ad | %s%d [%an]'

git config --global log.date short

(base) macbook@MacBook-Air-Aruzhan project % git log

aa5307e 2025-09-17 | Added standard HTML page tags (HEAD -> main) [Aruzhan]

ffb4775 2025-09-17 | Added HTML header [Aruzhan]

b3ee3a0 2025-09-17 | Added h1 tag [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % git checkout <hash>

cat hello.html

zsh: parse error near `\n'

(base) macbook@MacBook-Air-Aruzhan project % git checkout f1a596283

cat hello.html

Note: switching to 'f1a596283'.

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 f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git checkout f1a596283

HEAD is now at f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % cat hello.html

(base) macbook@MacBook-Air-Aruzhan project % git checkout 535cd99d2

cat hello.html

Previous HEAD position was f1a5962 Initial Commit

HEAD is now at 535cd99 :wq :wq Added h1 tag

<h1>Hello, World!</h1>

(base) macbook@MacBook-Air-Aruzhan project % git switch main

Warning: you are leaving 1 commit behind, not connected to

any of your branches:

535cd99 :wq :wq Added h1 tag

If you want to keep it by creating a new branch, this may be a good time

to do so with:

git branch <new-branch-name> 535cd99

Switched to branch 'main'

(base) macbook@MacBook-Air-Aruzhan project % cat hello.html

<html>

<body>

<h1>Hello, World!</h1>

</body>

</html>

(base) macbook@MacBook-Air-Aruzhan project % git tag v1

git log

aa5307e 2025-09-17 | Added standard HTML page tags (HEAD -> main, tag: v1) [Aruzhan]

ffb4775 2025-09-17 | Added HTML header [Aruzhan]

b3ee3a0 2025-09-17 | Added h1 tag [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % git tag -d v1

Deleted tag 'v1' (was aa5307e)

(base) macbook@MacBook-Air-Aruzhan project % git tag v1 ffb4775

(base) macbook@MacBook-Air-Aruzhan project % git log --oneline

aa5307e (**HEAD -> main**) Added standard HTML page tags

ffb4775 (**tag: v1**) Added HTML header

b3ee3a0 Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git tag v1

git log

fatal: tag 'v1' already exists

aa5307e 2025-09-17 | Added standard HTML page tags (HEAD -> main) [Aruzhan]

ffb4775 2025-09-17 | Added HTML header (tag: v1) [Aruzhan]

b3ee3a0 2025-09-17 | Added h1 tag [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % git checkout v1^

cat hello.html

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 b3ee3a0 Added h1 tag

<h1>Hello, World!</h1>

(base) macbook@MacBook-Air-Aruzhan project % git tag v1-beta

git log

b3ee3a0 2025-09-17 | Added h1 tag (HEAD, tag: v1-beta) [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % aa5307e Added standard HTML page tags

zsh: command not found: aa5307e

(base) macbook@MacBook-Air-Aruzhan project % git tag v1-beta aa5307e

fatal: tag 'v1-beta' already exists

(base) macbook@MacBook-Air-Aruzhan project % git log --decorate --oneline

b3ee3a0 (**HEAD**, **tag: v1-beta**) Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git tag

v1

v1-beta

(base) macbook@MacBook-Air-Aruzhan project % git tag -d v1-beta

Deleted tag 'v1-beta' (was b3ee3a0)

(base) macbook@MacBook-Air-Aruzhan project % git log --oneline

b3ee3a0 (**HEAD**) Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git tag v1-beta aa5307e

(base) macbook@MacBook-Air-Aruzhan project % git log --oneline --decorate

b3ee3a0 (**HEAD**) Added h1 tag

f1a5962 Initial Commit

(base) macbook@MacBook-Air-Aruzhan project % git tag v1-beta

git log

fatal: tag 'v1-beta' already exists

b3ee3a0 2025-09-17 | Added h1 tag (HEAD) [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % git checkout v1

git checkout v1-beta

Previous HEAD position was b3ee3a0 Added h1 tag

HEAD is now at ffb4775 Added HTML header

Previous HEAD position was ffb4775 Added HTML header

HEAD is now at aa5307e Added standard HTML page tags

(base) macbook@MacBook-Air-Aruzhan project % git tag

v1

v1-beta

(base) macbook@MacBook-Air-Aruzhan project % git log main --all

aa5307e 2025-09-17 | Added standard HTML page tags (HEAD, tag: v1-beta, main) [Aruzhan]

ffb4775 2025-09-17 | Added HTML header (tag: v1) [Aruzhan]

b3ee3a0 2025-09-17 | Added h1 tag [Aruzhan]

f1a5962 2025-09-17 | Initial Commit [Aruzhan]

(base) macbook@MacBook-Air-Aruzhan project % git switch main

Switched to branch 'main'

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % 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")

(base) macbook@MacBook-Air-Aruzhan project % git restore hello.html

git status

cat hello.html

On branch main

nothing to commit, working tree clean

<html>

<body>

<h1>Hello, World!</h1>

</body>

</html>

(base) macbook@MacBook-Air-Aruzhan project % nano.hello.html

zsh: command not found: nano.hello.html

(base) macbook@MacBook-Air-Aruzhan project % nano hello.html

(base) macbook@MacBook-Air-Aruzhan project % git add hello.html

(base) macbook@MacBook-Air-Aruzhan project % git status

\On branch main

Changes to be committed:

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

modified: hello.html

(base) macbook@MacBook-Air-Aruzhan project % git restore --staged hello.html

(base) macbook@MacBook-Air-Aruzhan project % git restore hello.html

git status

On branch main

nothing to commit, working tree clean

(base) macbook@MacBook-Air-Aruzhan project %