```
[(base) a7mad@MacBook-Pro-alkhas-bAhmad Desktop % mkdir git-test
(base) a7mad@MacBook-Pro-alkhas-bAhmad Desktop % cd git-test
[(base) a7mad@MacBook-Pro-alkhas-bAhmad git-test % mkdir test01
(base) a7mad@MacBook-Pro-alkhas-bAhmad git-test % cd test01
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
       git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
       git branch -m <name>
Initialized empty Git repository in /Users/a7mad/Desktop/git-test/test01/.git/
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % nano first.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git add first.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git commit -m "first"
[master (root-commit) 753b85a] first
 1 file changed, 1 insertion(+)
 create mode 100644 first.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % nano second.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git add second.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git commit -m "second"
[master 7ab4a5f] second
 1 file changed, 1 insertion(+)
 create mode 100644 second.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % nano third.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % nano fourth.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git add .
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git status
On branch master
Changes to be committed:
  (use "git restore ---staged <file>..." to unstage)
        new file: fourth.txt
        new file: third.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git commit -m "add third and fourth"
[master ffb8be6] add third and fourth
 2 files changed, 2 insertions(+) create mode 100644 fourth.txt
 create mode 100644 third.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git log
commit ffb8be6c265a378551850e3349645f8043cfbf28 (HEAD -> master)
Author: ahmad <contact.alsubhi@gmail.com>
Date: Tue Jul 23 20:03:46 2024 +0300
    add third and fourth
commit 7ab4a5fa4b72b8120dfb481d0c200231eb926415
Author: ahmad <contact.alsubhi@gmail.com>
       Tue Jul 23 20:01:46 2024 +0300
Date:
    second
commit 753b85a6a2ec62c48d7acffb5c5f16d846206678
Author: ahmad <contact.alsubhi@gmail.com>
Date: Tue Jul 23 20:01:07 2024 +0300
    first
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git brache
git: 'brache' is not a git command. See 'git --help'.
The most similar command is
        branch
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(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git brache
git: 'brache' is not a git command. See 'git --help'.
The most similar command is
        branch
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git braches
git: 'braches' is not a git command. See 'git --help'.
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git branch
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git branch new-feature
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git branch
 new-feature
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git checkout new-feature
Switched to branch 'new-feature'
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git branch
 master
* new-feature
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % nano lab02.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git add lab02.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git status
On branch new-feature
Changes to be committed:
  (use "git restore -- staged <file>..." to unstage)
        new file: lab02.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git commit -m "lab02"
[new-feature eb0f739] lab02
1 file changed, 1 insertion(+) create mode 100644 lab02.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % ls
first.txt
                 fourth.txt
                                 lab02.txt
                                                  second.txt
                                                                    third.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git checkout master
Switched to branch 'master'
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git branch
* maste
 new-feature
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git merge new-feature
Updating ffb8be6..eb0f739
Fast-forward
lab02.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 lab02.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % ls
first.txt
                 fourth.txt
                                 lab02.txt
                                                  second.txt
                                                                    third.txt
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git remote -v
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git remote add lab-3 https://github.com/Ahmad
-Alsubhi/Day-3.git
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git push
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use
    git push --set-upstream lab-3 master
To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % git push -u lab-3 master
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (13/13), 934 bytes | 934.00 KiB/s, done.
Total 13 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
             https://github.com/Ahmad-Alsubhi/Day-3/pull/new/master
remote:
To https://github.com/Ahmad-Alsubhi/Day-3.git
* [new branch]
                     master -> master
branch 'master' set up to track 'lab-3/master'.
(base) a7mad@MacBook-Pro-alkhas-bAhmad test01 % [
```

