15L@203-05 MINGW64 ~/Desktop (master)

$ mkdir git-dvcs

15L@203-05 MINGW64 ~/Desktop (master)

$ cd git-dvcs/

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ got config -global

bash: got: command not found

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ git config -global

error: did you mean `--global` (with two dashes)?

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ git config --global user.name "Maviya"

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ git config --global user.email "rockingmavi0@gmail.com"

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ git config --global --list

user.name=Maviya

user.email=rockingmavi0@gmail.com

color.ui=true

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ mkdir git-demo-project

15L@203-05 MINGW64 ~/Desktop/git-dvcs (master)

$ cd git-demo-project/

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git init

Initialized empty Git repository in C:/Users/15L/Desktop/git-dvcs/git-demo-project/.git/

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ ls -a

./ ../ .git/

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ rm -rf .git/

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git init

Initialized empty Git repository in C:/Users/15L/Desktop/git-dvcs/git-demo-project/.git/

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git add .

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: first.txt

new file: new.html

new file: script.js

new file: style.css

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git commit -m "First commit"

[master (root-commit) c6857cf] First commit

4 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 first.txt

create mode 100644 new.html

create mode 100644 script.js

create mode 100644 style.css

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git commit -m "First commit"

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

index.html

nothing added to commit but untracked files present (use "git add" to track)

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git add .

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git commit -am "express commit"

[master f8a1a55] express commit

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

create mode 100644 index.html

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

nothing to commit, working tree clean

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ nano index.html

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

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: index.html

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

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ touch teststatus

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

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: index.html

Untracked files:

(use "git add <file>..." to include in what will be committed)

teststatus

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

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git checkout --teststatus

error: unknown option `teststatus'

usage: git checkout [<options>] <branch>

or: git checkout [<options>] [<branch>] -- <file>...

-b <branch> create and checkout a new branch

-B <branch> create/reset and checkout a branch

-l create reflog for new branch

--guess second guess 'git checkout <no-such-branch>' (default)

--overlay use overlay mode (default)

-q, --quiet suppress progress reporting

--recurse-submodules[=<checkout>]

control recursive updating of submodules

--progress force progress reporting

-m, --merge perform a 3-way merge with the new branch

--conflict <style> conflict style (merge, diff3, or zdiff3)

-d, --detach detach HEAD at named commit

-t, --track[=(direct|inherit)]

set branch tracking configuration

-f, --force force checkout (throw away local modifications)

--orphan <new-branch>

new unparented branch

--overwrite-ignore update ignored files (default)

--ignore-other-worktrees

do not check if another worktree is holding the given ref

-2, --ours checkout our version for unmerged files

-3, --theirs checkout their version for unmerged files

-p, --patch select hunks interactively

--ignore-skip-worktree-bits

do not limit pathspecs to sparse entries only

--pathspec-from-file <file>

read pathspec from file

--pathspec-file-nul with --pathspec-from-file, pathspec elements are separated with NUL character

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git checkout -- teststatus

error: pathspec 'teststatus' did not match any file(s) known to git

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git checkout -- index.html

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git add index.html

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

teststatus

nothing added to commit but untracked files present (use "git add" to track)

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git add teststatus

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

Changes to be committed:

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

new file: teststatus

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ nano index.html

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git add index.html

warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git status

On branch master

Changes to be committed:

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

modified: index.html

new file: teststatus

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git log

commit f8a1a5544ac502fc2768a53671f2683478160c52 (HEAD -> master)

Author: Maviya <rockingmavi0@gmail.com>

Date: Tue Jan 23 13:57:13 2024 +0530

express commit

commit c6857cfc9ce71a5c0bf74f1cff87f7cce42e458e

Author: Maviya <rockingmavi0@gmail.com>

Date: Tue Jan 23 13:47:05 2024 +0530

First commit

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git log --online

fatal: unrecognized argument: --online

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git log --oneline

f8a1a55 (HEAD -> master) express commit

c6857cf First commit

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git log --oneline teststatus

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git log --oneline

f8a1a55 (HEAD -> master) express commit

c6857cf First commit

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (master)

$ git branch -M main

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git remote add origin https://github.com/MaviyaSEPM/Exp3.git

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git push -u origin main

remote: Permission to MaviyaSEPM/Exp3.git denied to Someone215.

fatal: unable to access 'https://github.com/MaviyaSEPM/Exp3.git/': The requested URL returned error: 403

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git push -u origin main

info: please complete authentication in your browser...

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 20 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (5/5), 429 bytes | 429.00 KiB/s, done.

Total 5 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/MaviyaSEPM/Exp3.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git push -u origin main

Everything up-to-date

branch 'main' set up to track 'origin/main'.

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git pull

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 3 (delta 2), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), 959 bytes | 319.00 KiB/s, done.

From https://github.com/MaviyaSEPM/Exp3

1a4b47d..16a299e main -> origin/main

Updating 1a4b47d..16a299e

Fast-forward

index.html | 4 +++-

1 file changed, 3 insertions(+), 1 deletion(-)

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git log --oneline origin/main

16a299e (HEAD -> main, origin/main) Update index.html

1a4b47d commit

3f1ab05 commit

f8a1a55 express commit

c6857cf First commit

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git fetch

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git bracnch

git: 'bracnch' is not a git command. See 'git --help'.

The most similar command is

branch

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git branch

\* main

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git branch maviya

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (main)

$ git checkout maviya

Switched to branch 'maviya'

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (maviya)

$ touch maviya.html

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (maviya)

$ git merge maviya

Already up to date.

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (maviya)

$ git merge main

Already up to date.

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (maviya)

$ git checkout -b maviya

fatal: a branch named 'maviya' already exists

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (maviya)

$ git branch maviya

fatal: a branch named 'maviya' already exists

15L@203-05 MINGW64 ~/Desktop/git-dvcs/git-demo-project (maviya)

$