#### git add

```
[sreeneha@srees-MacBook-Air Cognizance % git add 3.py
[sreeneha@srees-MacBook-Air Cognizance % git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file: 3.py
```

### git checkout

sreeneha@srees-MacBook-Air Cognizance % git checkout

A .DS\_Store
A Cognizance
D Task-1/file1

Your branch is up to date with 'origin/main'. sreeneha@srees-MacBook-Air Cognizance % ■

## git checkout -b

```
[sreeneha@srees-MacBook-Air Cognizance % git checkout -b "cog" Switched to a new branch 'cog' sreeneha@srees-MacBook-Air Cognizance % ■
```

# git clone

```
sreeneha@srees-MacBook-Air Cognizance % git clone https://github.com/neha865/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 8 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (8/8), 5.12 KiB | 5.12 MiB/s, done.
Resolving deltas: 100% (1/1), done.
```

#### git commit

```
[sreeneha@srees-MacBook-Air Cognizance % git commit -m stage_1
[cog b8957ed] stage_1
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Task-1/.DS Store
```

## git commit -a

[sreeneha@srees-MacBook-Air Cognizance % git commit -a -m stage\_1
On branch cog
nothing to commit, working tree clean

## git fetch

## git merge

[sreeneha@srees-MacBook-Air Cognizance % git merge cog Already up to date.

# git pull

[sreeneha@srees-MacBook-Air Cognizance % git pull
Already up to date.

#### git push

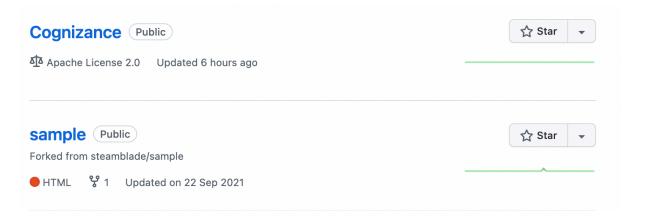
sreeneha@srees-MacBook-Air Cognizance % git push
Jsername for 'https://github.com': neha865
Password for 'https://neha865@github.com':
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
/riting objects: 100% (8/8), 1.39 KiB | 1.39 MiB/s, done.
Total 8 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/neha865/Cognizance.git
 d3df7ee..b8957ed main -> main
sreeneha@srees-MacBook-Air Cognizance %

#### git reset

## git rebase

[sreeneha@srees-MacBook-Air Cognizance % git rebase cog Current branch main is up to date.

# git fork



# git config --list --show-origin

```
[sreeneha@srees-MacBook-Air Cognizance % git config --list --show-
error: ambiguous option: show- (could be --show-origin or --show-scope)
[usage: git config [<options>]
Config file location
    --global
                          use global config file
    --system
                          use system config file
                          use repository config file
    --local
    --worktree
                          use per-worktree config file
    -f, --file <file>
                          use given config file
    --blob <blob-id>
                          read config from given blob object
Action
    --get
                          get value: name [value-pattern]
    --get-all
                          get all values: key [value-pattern]
                          get values for regexp: name-regex [value-pattern]
    --get-regexp
    --get-urlmatch
                          get value specific for the URL: section[.var] URL
    --replace-all
                          replace all matching variables: name value [value-pattern]
    --add
                          add a new variable: name value
    --unset
                          remove a variable: name [value-pattern]
    --unset-all
                          remove all matches: name [value-pattern]
    --rename-section
                          rename section: old-name new-name
    --remove-section
                         remove a section: name
    -l, --list
                          list all
    --fixed-value
                          use string equality when comparing values to 'value-pattern'
    −e, −−edit
                          open an editor
    --get-color
                          find the color configured: slot [default]
    --get-colorbool
                          find the color setting: slot [stdout-is-tty]
Type
                          value is given this type
    -t, --type <>
    --bool
                          value is "true" or "false"
    --int
                          value is decimal number
    --bool-or-int
                          value is --bool or --int
    --bool-or-str
                          value is --bool or string
                          value is a path (file or directory name)
    --path
    --expiry-date
                          value is an expiry date
Other
    -z, --null
                          terminate values with NUL byte
    --name-only
                          show variable names only
    --includes
                          respect include directives on lookup
                          show origin of config (file, standard input, blob, command line)
    --show-origin
                          show scope of config (worktree, local, global, system, command)
    --show-scope
    --default <value>
                          with --get, use default value when missing entry
sreeneha@srees-MacBook-Air Cognizance %
```