

## git add

```
[sreenaha@srees-MacBook-Air Cognizance % git add 3.py
[sreenaha@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

```
sreenaha@srees-MacBook-Air Cognizance % git checkout
A       .DS_Store
A       Cognizance
D       Task-1/file1
Your branch is up to date with 'origin/main'.
sreenaha@srees-MacBook-Air Cognizance %
```

## git checkout -b

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

## git clone

```
sreenaha@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

```
[sreenaha@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**

```
[sreenaha@srees-MacBook-Air Cognizance % git commit -a -m stage_1
On branch cog
nothing to commit, working tree clean
```

### **git fetch**

```
sreenaha@srees-MacBook-Air Cognizance % git fetch origin main
From https://github.com/neha865/Cognizance
* branch          main      -> FETCH_HEAD
sreenaha@srees-MacBook-Air Cognizance %
```

### **git merge**

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

### **git pull**

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

### **git push**

```
sreenaha@srees-MacBook-Air Cognizance % git push
Username 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.
Writing 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
sreenaha@srees-MacBook-Air Cognizance %
```

### **git reset**

```
[sreenaha@srees-MacBook-Air Cognizance % git reset HEAD 3.py
[sreenaha@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 not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
  (commit or discard the untracked or modified content in submodules)
        modified:   Cognizance (untracked content)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        3.py

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

## git rebase

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

## git fork

Cognizance

Public

☆ Star



Apache License 2.0 Updated 6 hours ago

sample

Public

☆ Star



Forked from steamblade/sample

● HTML 1 Updated on 22 Sep 2021

## git config --list --show-origin

```
[sreenaha@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
--local	use repository config file
--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-regexp	get values for regexp: name-regex [value-pattern]
--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

-t, --type <>	value is given this 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
--path	value is a path (file or directory name)
--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	show origin of config (file, standard input, blob, command line)
--show-scope	show scope of config (worktree, local, global, system, command)
--default <value>	with --get, use default value when missing entry

```
sreenaha@srees-MacBook-Air Cognizance % █
```