

Git Commands

- Make a new folder named: gitBCAIII

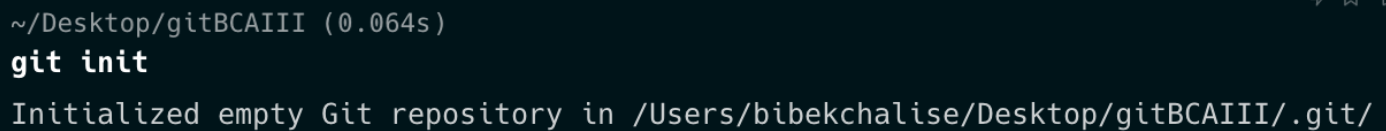
```
mkdir gitBCAIII
```

- go to that folder

```
cd gitBCAIII
```

- git initialization in a folder

```
git init
```

A terminal window with a dark background. The prompt is ~/Desktop/gitBCAIII (0.064s). The command 'git init' is entered and executed. The output is 'Initialized empty Git repository in /Users/bibekchalise/Desktop/gitBCAIII/.git/'.

```
~/Desktop/gitBCAIII (0.064s)  
git init  
Initialized empty Git repository in /Users/bibekchalise/Desktop/gitBCAIII/.git/
```

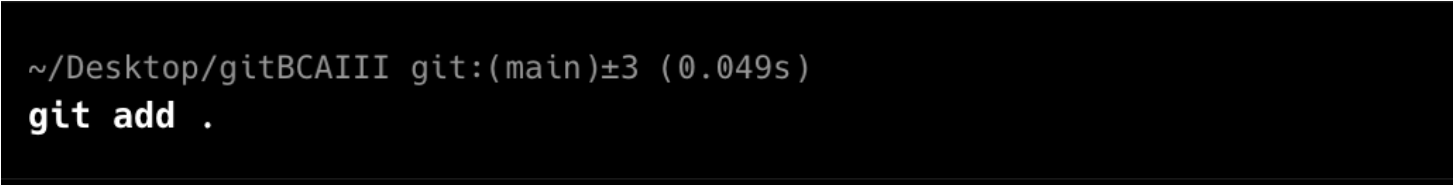
Steps in git

- Make changes -> Done

```
touch filename.txt
```

- add changes -> Done

```
git add filename.txt  
#multiple add  
git add .
```

A terminal window with a dark background. The prompt is ~/Desktop/gitBCAIII git:(main)±3 (0.049s). The command 'git add .' is entered and executed.

```
~/Desktop/gitBCAIII git:(main)±3 (0.049s)  
git add .
```

- commit changes

```
git commit -m "initial commit"
```

```
~/Desktop/gitBCAIII git:(main)±3 (0.052s)
git commit -m "new files added"
[main da4c9b9] new files added
3 files changed, 18 insertions(+)
create mode 100644 test.html
create mode 100644 test.js
```

- git status -> to know the status of files and working tree

```
git status
```

Different possible outputs.

```
~/Desktop/gitBCAIII git:(main)±1 (0.051s)
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:   script.js

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

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

```
~/Desktop/gitBCAIII git:(main)±3 (0.042s)
git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   script.js
        new file:   test.html
        new file:   test.js
```

~/Desktop/gitBCAIII git:(main) (0.044s)

git status

On branch main

nothing to commit, working tree clean