

Let's change a file (first.txt in this case) and add a file

```
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: .gitignore
    modified: static/sdfadf.txt

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: first.txt

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: .gitignore
    modified: static/sdfadf.txt

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: first.txt

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$
```

How to directly commit skipping staging area? → Use “git commit -a -m “Message””

```
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: .gitignore
    modified: static/sdfadf.txt

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: first.txt

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -a -m "direct commit"
[master 120f1f3] direct commit
 3 files changed, 8 insertions(+), 3 deletions(-)

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    second.txt

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$
```

It will not commit untracked files

We have to manually add untracked files

```
MINGW32:/e/videos/Study/cs/important/Git and github/Notes/main
3 files changed, 8 insertions(+), 3 deletions(-)

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    second.txt

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git add second.txt

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   second.txt

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -a -m "added second"
[master 6c98492] added second
 1 file changed, 2 insertions(+)
 create mode 100644 second.txt

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ |
```

To see all commits → type “git log”

```
MINGW32:/e/videos/Study/cs/important/Git and github/Notes/main
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git log
commit 6c9849293ed80f563724465d682e1ccee30561db (HEAD -> master)
Author: Suraj <yadavsurajkumar665@gmail.com>
Date:   Tue Apr 19 18:38:47 2022 +0530

    added second

commit 120f1f3bb97532a60665f00c7df58aa2752d7e61
Author: Suraj <yadavsurajkumar665@gmail.com>
Date:   Tue Apr 19 18:36:30 2022 +0530

    direct commit

commit b6a315dfcb8dc9f2229a2e6b74902ca643dba8a
Author: Suraj <yadavsurajkumar665@gmail.com>
Date:   Mon Apr 18 18:31:06 2022 +0530

    added static

commit 5a11fb486657ebc34ed518dab5ba2204424420dc
Author: Suraj <yadavsurajkumar665@gmail.com>
Date:   Mon Apr 18 18:19:30 2022 +0530

    added gitignore

commit d98a84f58af5fe4ebd6df21a9086fd93f86512d1
Author: Suraj <yadavsurajkumar665@gmail.com>
Date:   Mon Apr 18 18:10:06 2022 +0530

    first commit

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ |
```