

```
(root@HitMan)-[/home/kali/GMC]
# mkdir learn_git

(root@HitMan)-[/home/kali/GMC]
# cd learn_git

(root@HitMan)-[/home/kali/GMC/learn_git]
# ls -lah
total 8.0K
drwxr-xr-x 2 root root 4.0K Jul 20 15:22 .
drwxr-xr-x 3 root root 4.0K Jul 20 15:22 ..

(root@HitMan)-[/home/kali/GMC/learn_git]
# pwd
/home/kali/GMC/learn_git

(root@HitMan)-[/home/kali/GMC/learn_git]
# |
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
# touch third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# ls -lah
total 8.0K
drwxr-xr-x 2 root root 4.0K Jul 20 15:22 .
drwxr-xr-x 3 root root 4.0K Jul 20 15:22 ..
-rw-r--r-- 1 root root    0 Jul 20 15:22 third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
#
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
# git init
Reinitialized existing Git repository in /home/kali/GMC/learn_git/.git/

(root@HitMan)-[/home/kali/GMC/learn_git]
# git add third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# git commit -m "adding third.txt"
[master (root-commit) 5630fa0] adding third.txt
Committer: root <root@HitMan.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# |
```

```

(root@HitMan)-[/home/kali/GMC/learn_git]
# git log
commit 5630fa0984c5b8cc548979eaf10d63acc1e6c9fc (HEAD -> master)
Author: root <root@HitMan.localdomain>
Date:   Sun Jul 20 15:24:04 2025 +0100

    adding third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# touch fourth.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# ls
fourth.txt  third.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# git add fourth.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   fourth.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# git commit -m "adding fourth.txt"
[master e677225] adding fourth.txt
Committer: root <root@HitMan.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt

(root@HitMan)-[/home/kali/GMC/learn_git]
# |

```

```
└─# git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    third.txt
```

```
└─(root@HitMan)-[/home/kali/GMC/learn_git]
└─# git commit -m "removing third.txt"
[master 8dc1092] removing third.txt
Committer: root <root@HitMan.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
```

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
```

```
└─(root@HitMan)-[/home/kali/GMC/learn_git]
└─# git log
commit 8dc1092a3106ce94fdd45b63f214b3696affb722 (HEAD -> master)
Author: root <root@HitMan.localdomain>
Date:    Sun Jul 20 15:25:50 2025 +0100
```

```
removing third.txt
```

```
commit e677225a452c481bbeb56ba716f741099bc177c5
Author: root <root@HitMan.localdomain>
Date:    Sun Jul 20 15:25:16 2025 +0100
```

```
adding fourth.txt
```

```
commit 5630fa0984c5b8cc548979eaf10d63acc1e6c9fc
Author: root <root@HitMan.localdomain>
Date:    Sun Jul 20 15:24:04 2025 +0100
```

```
adding third.txt
```

```
└─(root@HitMan)-[/home/kali/GMC/learn_git]
└─#
```

your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
```

```
# git log
```

```
commit 8dc1092a3106ce94fdd45b63f214b3696affb722 (HEAD -> master)
```

```
Author: root <root@HitMan.localdomain>
```

```
Date: Sun Jul 20 15:25:50 2025 +0100
```

```
removing third.txt
```

```
commit e677225a452c481bb56ba716f741099bc177c5
```

```
Author: root <root@HitMan.localdomain>
```

```
Date: Sun Jul 20 15:25:16 2025 +0100
```

```
adding fourth.txt
```

```
commit 5630fa0984c5b8cc548979eaf10d63acc1e6c9fc
```

```
Author: root <root@HitMan.localdomain>
```

```
Date: Sun Jul 20 15:24:04 2025 +0100
```

```
adding third.txt
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
```

```
# git config --global core.pager cat
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
```

```
# git config --global --list
```

```
core.pager=cat
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
```

```
# ls -lah
```

```
total 12K
```

```
drwxr-xr-x 3 root root 4.0K Jul 20 15:25 .
```

```
drwxr-xr-x 3 root root 4.0K Jul 20 15:22 ..
```

```
-rw-r--r-- 1 root root 0 Jul 20 15:24 fourth.txt
```

```
drwxr-xr-x 8 root root 4.0K Jul 20 15:25 .git
```

```
(root@HitMan)-[/home/kali/GMC/learn_git]
```

```
#
```