

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git init
Reinitialized existing Git repository in C:/MCA/gitbash/.git/
```

Create 3 files:

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ touch file1 file2 file3

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nono file1
bash: nono: command not found

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nano file1

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nano file2

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nano file3

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ git add file1
fatal: not a git repository (or any of the parent directories): .git

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ git add file1
fatal: not a git repository (or any of the parent directories): .git
```

Add content:

-
-

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ touch file1 file2 file3

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nono file1
bash: nono: command not found

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nano file1

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nano file2

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ nano file3
```

Commit All files:

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash
$ git init
Initialized empty Git repository in C:/MCA/gitbash/.git/

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file1
warning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'ZIBACAR MCA LAB1_33@LAB01048.(none)')

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git config --global user.email "sairajbhandekar3636@gmail.com"

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master (root-commit) e5bd8a4] start initializing
 1 file changed, 1 insertion(+)
 create mode 100644 file1
```

Modify file:

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ nano file1

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ cat file1
hey karan

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ !
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file1 file2
warning: in the working copy of 'file1', LF will be replaced by CRLF the next ti
me Git touches it

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file1 file2

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 1945bab] start initializing
 1 file changed, 1 insertion(+), 1 deletion(-)

$ git add file3
warning: in the working copy of 'file3', LF will be replaced by CRLF the next ti
me Git touches it

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 73e6c5d] start initializing
 1 file changed, 1 insertion(+)
 create mode 100644 file3
```

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git log --oneline
5d4d8a3 (HEAD -> master) start initializing
443f441 start initializing
b66cc5b start initializing
838fd39 start initializing
1290498 start initializing
2e3dd38 start initializing
3cf00bd start initializing
73e6c5d start initializing
1945bab start initializing
b1e4c7b start initializing
e5bd8a4 start initializing

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file1 file2
commit 73e6c5d53079158e9cee1370f9cfc780daa7f489 (HEAD -> master)
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:13:56 2025 +0530

    start initializing

commit 1945bab4acf1353c022b8ffb0046d7d8eeb1f558
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:12:10 2025 +0530

    start initializing

commit b1e4c7b3f5a69caa87d39556fc72974df5d53782
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:07:51 2025 +0530

    start initializing

commit 73e6c5d53079158e9cee1370f9cfc780daa7f489 (HEAD -> master)
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:13:56 2025 +0530

    start initializing

commit 1945bab4acf1353c022b8ffb0046d7d8eeb1f558
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:12:10 2025 +0530

    start initializing

commit b1e4c7b3f5a69caa87d39556fc72974df5d53782
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:07:51 2025 +0530

    start initializing

commit e5bd8a4b057551d2c52ee651a139b84937ce9fef
Author: unknown <sairajbhandekar3636@gmail.com>
Date: Sat Jun 21 10:03:46 2025 +0530

    start initializing
```

Files added to staging area and committed:

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file1
warning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file1
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 3cf00bd] start initializing
1 file changed, 1 insertion(+), 1 deletion(-)
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file2
warning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file2
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 2e3dd38] start initializing
1 file changed, 1 insertion(+), 1 deletion(-)
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file3
warning: in the working copy of 'file3', LF will be replaced by CRLF the next time Git touches it
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file3
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 1290498] start initializing
1 file changed, 1 insertion(+), 1 deletion(-)
```

File added from staging area:

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git rm --cached file1
rm 'file1'
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git rm --cached file2
rm 'file2'
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git rm --cached file3
rm 'file3'
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ nano file1
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ cat file1
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file2
warning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file2
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 838fd39] start initializing
2 files changed, 1 insertion(+), 2 deletions(-)
delete mode 100644 file1
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file3
warning: in the working copy of 'file3', LF will be replaced by CRLF the next time Git touches it
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add file3
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master b66cc5b] start initializing
1 file changed, 1 insertion(+)
create mode 100644 file3
```

Create new and content and comiit:

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ touch sail

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ nano sail

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add sail
warning: in the working copy of 'sail', LF will be replaced by CRLF the next time Git touches it

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git add sail

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git commit -m "start initializing"
[master 443f441] start initializing
1 file changed, 1 insertion(+)
 create mode 100644 sail
```

Removed content in new file and restored it :

```
ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ cat sail
hey am sairaj

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ > sail

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ cat sail

ZIBACAR MCA LAB1_33@LAB01048 MINGW64 /c/MCA/gitbash (master)
$ git restore sail
```