

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 ~
$ cd "F:\Git\Labs\Lab1"

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git init
Initialized empty Git repository in F:/Git/Labs/Lab1/.git/

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$
```

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ cat>Student.txt
Goutham Narendiran 100556439

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git add Student.txt
warning: LF will be replaced by CRLF in Student.txt.
The file will have its original line endings in your working directory

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git commit -m "Student File Update"
[master 075161a] Student File Update
1 file changed, 8 deletions(-)

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$
```

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ cat>IgnoreExample.txt
Some random content here.

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git add IgnoreExample.txt
warning: LF will be replaced by CRLF in IgnoreExample.txt.
The file will have its original line endings in your working directory

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git commit -m "Ignore File Updated"
[master 766bbf1] Ignore File Updated
1 file changed, 1 insertion(+)
create mode 100644 IgnoreExample.txt

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$
```

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ echo IgnoreExample.txt >> .gitignore

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git rm --cached IgnoreExample.txt
rm 'IgnoreExample.txt'

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git commit -m "Start Ignorign the File"
[master 306eaf7] Start Ignorign the File
1 file changed, 1 deletion(-)
delete mode 100644 IgnoreExample.txt

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$
```

```
MINGW64:/Labs/Lab1

-n, --dry-run          dry run
-q, --quiet            do not list removed files
--cached              only remove from the index
-f, --force            override the up-to-date check
-r                    allow recursive removal
--ignore-unmatch      exit with a zero status even if nothing matched

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git status
On branch master
nothing to commit, working tree clean

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ ls
IgnoreExample.txt  Student.txt

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git status
On branch master
nothing to commit, working tree clean

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$
```

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ cat>>IgnoreExample.txt
More Random Content.

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git status
On branch master
nothing to commit, working tree clean

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$
```

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git branch NewBranch

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git checkout NewBranch
Switched to branch 'NewBranch'

gouth@GN-PC MINGW64 /Labs/Lab1 (NewBranch)
$ notepad BranchExample.txt
Random Content Here.

gouth@GN-PC MINGW64 /Labs/Lab1 (NewBranch)
$ Random Content Here.
bash: Random: command not found

gouth@GN-PC MINGW64 /Labs/Lab1 (NewBranch)
$ git add BranchExample.txt

gouth@GN-PC MINGW64 /Labs/Lab1 (NewBranch)
$ git commit -m "Update the text file"
[NewBranch c7534e3] Update the text file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 BranchExample.txt

gouth@GN-PC MINGW64 /Labs/Lab1 (NewBranch)
$ notepad
```

.txt - Notepad

File Edit Format View Help

```
MINGW64:/Labs/Lab1

gouth@GN-PC MINGW64 /Labs/Lab1 (NewBranch)
$ git checkout master
Switched to branch 'master'

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ notepad
```

```
MINGW64:/Labs/Lab1
gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git add .
warning: LF will be replaced by CRLF in RemoveExample.txt.
The file will have its original line endings in your working directory

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git rm --cached
usage: git rm [<options>] [--] <file>...

    -n, --dry-run          dry run
    -q, --quiet            do not list removed files
    --cached              only remove from the index
    -f, --force            override the up-to-date check
    -r                   allow recursive removal
    --ignore-unmatch      exit with a zero status even if nothing matched

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git commit --amend -CHEAD
[master fbcff96] test 2
Date: Wed Jan 22 15:49:07 2020 -0500
3 files changed, 3 insertions(+)
create mode 100644 .gitignore
create mode 100644 .txt
create mode 100644 RemoveExample.txt

gouth@GN-PC MINGW64 /Labs/Lab1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```