

Screenshot 1 (Create repo and add ignore file):

```
~/s/lab1 > git init
Initialized empty Git repository in /home/jleibovitch/spm-labs/lab1/.git/
~/s/lab1 > nano Student.txt
~/s/lab1 > git add .
~/s/lab1 > git commit -m "added student file"
[master (root-commit) 38elf5e] added student file
1 file changed, 1 insertion(+)
create mode 100644 Student.txt
~/s/lab1 > nano IgnoreExample.txt
~/s/lab1 > git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  IgnoreExample.txt

nothing added to commit but untracked files present (use "git add" to track)
~/s/lab1 > ll
total 8.0K
-rw-r--r-- 1 jleibovitch jleibovitch 17 Jan 15 14:52 IgnoreExample.txt
-rw-r--r-- 1 jleibovitch jleibovitch 30 Jan 15 14:52 Student.txt
```

Screenshot 2 (add IgnoreExample to .gitignore, and show it's no longer tracked)

```
~/s/lab1 > git commit -m "added ignoreExample.txt"
On branch master
Untracked files:
  IgnoreExample.txt


nothing added to commit but untracked files present
! ~/s/lab1 > git add .
~/s/lab1 > git commit -m "added ignoreExample.txt"
[master 3bec510] added ignoreExample.txt
1 file changed, 1 insertion(+)
create mode 100644 IgnoreExample.txt
~/s/lab1 > nano .gitignore
~/s/lab1 > git rm --cached IgnoreExample.txt
rm 'IgnoreExample.txt'
~/s/lab1 > git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    deleted:    IgnoreExample.txt

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

~/s/lab1 > git add . && git commit -m "added IgnoreExample.txt to .gitignore"
[master 905cbfd] added IgnoreExample.txt to .gitignore
2 files changed, 1 insertion(+), 1 deletion(-)
create mode 100644 .gitignore
delete mode 100644 IgnoreExample.txt
~/s/lab1 > nano IgnoreExample.txt
~/s/lab1 > cat IgnoreExample.txt
Ignore this file

Added more data
~/s/lab1 > git status
On branch master
nothing to commit, working tree clean
```

Screenshot 3 (New Branch BranchExample.txt)



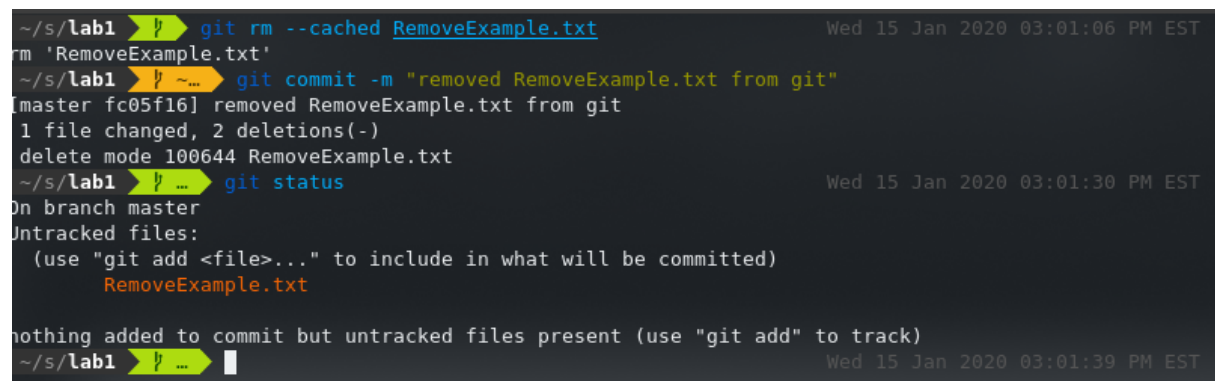
A screenshot of a terminal window titled 'lab1 : nano — Konsole'. The window shows the GNU nano 4.7 editor with a file named 'BranchExample.txt'. The first line of the file contains the text 'Branch Example file'. The cursor is at the end of the first line.

Screenshot 4 (Master Branch BranchExample.txt)



A screenshot of a terminal window titled 'lab1 : nano — Konsole'. The window shows the GNU nano 4.7 editor with a file named 'BranchExample.txt'. The file is empty, and the cursor is at the beginning of the first line.

Screenshot 5 (Remove RemoveExample.txt from git)



A screenshot of a terminal window showing the removal of 'RemoveExample.txt' from git. The commands and output are as follows:

```
~/s/lab1 > git rm --cached RemoveExample.txt
rm 'RemoveExample.txt'
~/s/lab1 > git commit -m "removed RemoveExample.txt from git"
[master fc05f16] removed RemoveExample.txt from git
1 file changed, 2 deletions(-)
delete mode 100644 RemoveExample.txt
~/s/lab1 > git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    RemoveExample.txt

nothing added to commit but untracked files present (use "git add" to track)
~/s/lab1 >
```

The terminal window also displays the date and time: 'Wed 15 Jan 2020 03:01:06 PM EST' and 'Wed 15 Jan 2020 03:01:39 PM EST'.

Screenshot 6 (remove the file using the clean function)

```
~/s/Lab1 ➤ git clean -f                                Wed 15 Jan 2020 03:01:39 PM EST
Removing RemoveExample.txt

~/s/Lab1 ➤ ll                                           Wed 15 Jan 2020 03:02:10 PM EST
total 8.0K
-rw-r--r-- 1 jleibovitch jleibovitch 34 Jan 15 14:55 IgnoreExample.txt
-rw-r--r-- 1 jleibovitch jleibovitch 30 Jan 15 14:52 Student.txt

~/s/Lab1 ➤ git status                                   Wed 15 Jan 2020 03:02:21 PM EST
On branch master
nothing to commit, working tree clean

~/s/Lab1 ➤
```