

SECTION 0

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~  
$ mkdir project_dir
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~  
$ cd project_dir/
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir  
$ git init  
Initialized empty Git repository in C:/Users/hp/project_dir/.git/
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ touch index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ git status  
On branch master
```

No commits yet

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

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

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ git add index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ git commit -m 'index.html committed'  
[master (root-commit) a9140b3] index.html committed  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ touch info.txt
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ git status  
On branch master  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    info.txt
```

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

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ touch .gitignore
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ git status  
On branch master  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    .gitignore  
    info.txt
```

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

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)  
$ git add index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git commit -m 'index.html committed as 11'
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        info.txt
```

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

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git log
commit a9140b374cb03680a0006422e85b76e2b4751188 (HEAD -> master)
Author: pottimurthijaswanth <pottimurthijaswanth@gmail.com>
Date:   Tue Oct 26 13:41:52 2021 +0530
```

index.html committed

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git checkout
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git add index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git reset HEAD index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        info.txt
```

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

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git add info.txt
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   info.txt
```

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

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git commit my-add index.html
error: pathspec 'my-add' did not match any file(s) known to git
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git my-add index.html
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git commit -m 'index.html committed according to steps'
[master 1beefbf] index.html committed according to steps
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 info.txt
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git log
commit 1beefbf48f8ee40a854dd9ac401cd4b65f784362 (HEAD -> master)
Author: pottimurthijaswanth <pottimurthijaswanth@gmail.com>
Date: Tue Oct 26 13:47:24 2021 +0530
```

index.html committed according to steps

```
commit a9140b374cb03680a0006422e85b76e2b4751188
Author: pottimurthijaswanth <pottimurthijaswanth@gmail.com>
Date: Tue Oct 26 13:41:52 2021 +0530
```

index.html committed

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git reset --soft
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git log
commit 1beefbf48f8ee40a854dd9ac401cd4b65f784362 (HEAD -> master)
Author: pottimurthijaswanth <pottimurthijaswanth@gmail.com>
Date: Tue Oct 26 13:47:24 2021 +0530
```

index.html committed according to steps

```
commit a9140b374cb03680a0006422e85b76e2b4751188
Author: pottimurthijaswanth <pottimurthijaswanth@gmail.com>
Date: Tue Oct 26 13:41:52 2021 +0530
```

index.html committed

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git remote add origin https://github.com/pottimurthijaswanth/project_dir.git
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/project_dir (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 455 bytes | 227.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/pottimurthijaswanth/project_dir.git
* [new branch] master -> master
```

SECTION 1 (html assignments)

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~
$ mkdir Assignments

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~
$ cd Assignments/

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments
$ git init
Initialized empty Git repository in C:/Users/hp/Assignments/.git/

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ touch README.txt

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git add README.txt

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git status
On branch master

No commits yet

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

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git commit -m 'README.txt committed'
[master (root-commit) ee0f494] README.txt committed
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.txt

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git checkout -b html-assignments
Switched to a new branch 'html-assignments'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git branch
* html-assignments
  master

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git checkout master -- README.txt

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git commit -m 'adding README.txt to a new branch'
On branch html-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git commit -m 'made changes on second branch'
On branch master
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git commit -m 'committed on README.txt'
On branch html-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git merge html-assignments
Already up to date.

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git status
On branch master
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git branch -D html-assignments
Deleted branch html-assignments (was ee0f494).
```

SECTION 2 (css assignments)

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git checkout -b css-assignments
Switched to a new branch 'css-assignments'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git branch
* css-assignments
  master

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git checkout master -- README.txt

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git commit -m 'css-assignment committed'
On branch css-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git commit -m 'change made on css-assignment'
On branch css-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git commit -m 'again change made in README.txt'
On branch master
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git commit -m 'committed on README.txt'
On branch css-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git merge css-assignment
merge: css-assignment - not something we can merge

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git status
On branch master
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git merge css-assignments
Already up to date.

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git status
On branch master
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git branch -D css-assignments
Deleted branch css-assignments (was ee0f494).
```

Section 3 (java script)

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git checkout -b js-assignments
Switched to a new branch 'js-assignments'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git branch
* js-assignments
  master

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git checkout master -- README.txt

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git commit -m 'js-assignments ccommitted'
On branch js-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git status
On branch js-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git commit -m 'changes made README.txt'
On branch js-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git status
On branch js-assignments
nothing to commit, working tree clean
```

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git commit -m 'made committed README.txt'
On branch master
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git status
On branch js-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git commit -m 'README.txt committed'
On branch js-assignments
nothing to commit, working tree clean

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git merge js-assignments
Already up to date.

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git branch -D js-assignments
Deleted branch js-assignments (was ee0f494).

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git remote add origin https://github.com/pottimurthijaswanth/Assignments.git

SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/Assignments (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 224 bytes | 5.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/pottimurthijaswanth/Assignments.git
 * [new branch]      master -> master
```


Section – 3 (GIT Remoting)

```
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~  
$ mkdir freshersbatch-oct19  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~  
$ cd freshersbatch-oct19  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/freshersbatch-oct19  
$ git init  
Initialized empty Git repository in C:/Users/hp/freshersbatch-oct19/.git/  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/freshersbatch-oct19 (master)  
$ touch sample.txt  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/freshersbatch-oct19 (master)  
$ git add .  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/freshersbatch-oct19 (master)  
$ git commit -m 'sample file committed'  
[master (root-commit) e848acc] sample file committed  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 sample.txt  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/freshersbatch-oct19 (master)  
$ git remote add origin https://github.com/pottimurthijaswanth/sample_rep.git  
  
SAI_JASWANTH@DESKTOP-FU8KC79 MINGW64 ~/freshersbatch-oct19 (master)  
$ git push origin master  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 221 bytes | 110.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/pottimurthijaswanth/sample_rep.git  
* [new branch]      master -> master
```