

ASSIGNMENT- S0

Priya Saroj@SAROJLAL MINGW64 ~

\$ mkdir project_dir

Priya Saroj@SAROJLAL MINGW64 ~

\$ cd project_dir

Priya Saroj@SAROJLAL MINGW64 ~/project_dir

\$ git init

Initialized empty Git repository in C:/Users/Priya Saroj/project_dir/.git/

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ touch index.html

Priya Saroj@SAROJLAL 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)

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git add index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git commit -m "Added index.html"

[master (root-commit) 80b3d95] Added index.html

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ touch info.txt

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

Untracked files:

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

info.txt

no changes added to commit (use "git add" and/or "git commit -a")

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ touch .gitignore info.txt

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

Untracked files:

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

.gitignore

info.txt

no changes added to commit (use "git add" and/or "git commit -a")

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ touch .gitignore

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

```
$ touch *.txt
```

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

```
$ git status
```

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

Untracked files:

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

.gitignore

info.txt

no changes added to commit (use "git add" and/or "git commit -a")

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

```
$ git add index.html
```

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

```
$ git commit -m "added changes in index.html"
```

[master e521cf9] added changes in index.html

1 file changed, 15 insertions(+)

Priya Saroj@SAROJLAL 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)

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git log

commit e521cf9fd86c40b539b80bc9e636f1b702504a34 (HEAD -> master)

Author: priya <priya.lal.saroj@gmail.com>

Date: Fri Jul 30 20:39:09 2021 +0530

added changes in index.html

commit 80b3d95cf1f4092fae077ba392f219901b5b05a8

Author: priya <priya.lal.saroj@gmail.com>

Date: Fri Jul 30 20:30:29 2021 +0530

Added index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git stash

No local changes to save

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git stash

Saved working directory and index state WIP on master: e521cf9 added changes in index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git add index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git commit -m "made changes"

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)

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git reset HEAD index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git reset

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git stash

No local changes to save

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git add index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git commit -m "add changes"

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)

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git reset HEAD index.html

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git reset

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git stash

No local changes to save

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

\$ git config --global alias.my-add add

Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)

```
$ git my-add index.html
```

```
Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)
```

```
$ git commit index.html
```

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)

```
Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)
```

```
$ git stash
```

No local changes to save

```
Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)
```

```
$ git reset
```

```
Priya Saroj@SAROJLAL MINGW64 ~/project_dir (master)
```

```
$ git add index.html
```

GIT BRANCHING

ASSIGNMENT- S1 (HTML Assignment)

```
Priya Saroj@SAROJLAL MINGW64 ~  
$ mkdir Assignments
```

```
Priya Saroj@SAROJLAL MINGW64 ~  
$ cd Assignments
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments  
$ git init  
Initialized empty Git repository in C:/Users/Priya Saroj/Assignments/.git/
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)  
$ git congif --global user.username pia25saroj  
git: 'congif' is not a git command. See 'git --help'.
```

The most similar command is
config

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)  
$ git config --global user.username pia25saroj
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git remote add origin https://github.com/pia25saroj/A-0.git

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ touch README.txt

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git status
On branch master

No commits yet

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

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

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git add README.txt

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git commit -m "Added README.txt"
[master (root-commit) bab604b] Added README.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.txt

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git branch html-assignments

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ touch m1.html

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ touch m2.html

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    m1.html
    m2.html

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

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git add *.html

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   m1.html
    new file:   m2.html

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git commit -m "Added m1.html and m2.html"
```

```
[html-assignments 94a82ae] Added m1.html and m2.html
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 m1.html
create mode 100644 m2.html
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git status
On branch html-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   m1.html
        modified:   m2.html
```

no changes added to commit (use "git add" and/or "git commit -a")

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git commit -m "Added changes in m1.html and m2.html"
On branch html-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   m1.html
        modified:   m2.html
```

no changes added to commit (use "git add" and/or "git commit -a")

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git add *.html
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git commit -m "Added changes in m1.html and m2.html"
[html-assignments 3090b5e] Added changes in m1.html and m2.html
2 files changed, 22 insertions(+)
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git merge html-assignments
Updating bab604b..3090b5e
Fast-forward
 m1.html | 11 ++++++++
 m2.html | 11 ++++++++
2 files changed, 22 insertions(+)
create mode 100644 m1.html
create mode 100644 m2.html
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 3090b5e).
```


ASSIGNMENT- S2 (CSS Assignment)

```
Priya Saroj@SAROJLAL MINGW64 ~  
$ cd Assignments
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)  
$ git branch css-assignments
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)  
$ git checkout css-assignments  
Switched to branch 'css-assignments'
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ touch m3.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ touch m4.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git status  
On branch css-assignments  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    m3.css  
    m4.css
```

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

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git add *.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git commit -m "Added m3.css and m4.css"  
[css-assignments bd27528] Added m3.css and m4.css  
2 files changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 m3.css  
create mode 100644 m4.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ touch m3.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ touch m4.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git status  
On branch css-assignments  
nothing to commit, working tree clean
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git add README.txt
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git commit -m "changes made to README.txt"  
On branch css-assignments  
Changes not staged for commit:  
  (use "git add <file>..." to update what will be committed)  
  (use "git restore <file>..." to discard changes in working directory)  
    modified:   README.txt
```

no changes added to commit (use "git add" and/or "git commit -a")

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git add README.txt
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)  
$ git status  
On branch css-assignments  
Changes to be committed:  
  (use "git restore --staged <file>..." to unstage)  
    modified:   README.txt
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git checkout master
Switched to branch 'master'
M    README.txt
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
```

```
$ git checkout css-assignments
Switched to branch 'css-assignments'
M    README.txt
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git commit -m "Added changes to m3.css and m4.css"
[css-assignments d0f5297] Added changes to m3.css and m4.css
1 file changed, 17 insertions(+)
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git checkout master
error: Your local changes to the following files would be overwritten by checkout:
    README.txt
    m3.css
    m4.css
```

```
Please commit your changes or stash them before you switch branches.
Aborting
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git commit -m "changes made to README.txt"
On branch css-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   README.txt
    modified:   m3.css
    modified:   m4.css
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git add README.txt
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git add *.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git add *.html
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git status
On branch css-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   README.txt
    modified:   m3.css
    modified:   m4.css
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git merge css-assignments
Already up to date.
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git branch -d css-assignments
error: Cannot delete branch 'css-assignments' checked out at 'C:/Users/Priya
Saroj/Assignments'
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git checkout assignments
error: pathspec 'assignments' did not match any file(s) known to git
```

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)
```

```
$ git checkout Assignments
```

error: pathspec 'Assignments' did not match any file(s) known to git

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)

\$ git checkout master

error: Your local changes to the following files would be overwritten by checkout:

README.txt

m3.css

m4.css

Please commit your changes or stash them before you switch branches.

Aborting

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)

\$ git stash

Saved working directory and index state WIP on css-assignments: d0f5297 Added changes to m3.css and m4.css

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (css-assignments)

\$ git checkout master

Switched to branch 'master'

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)

\$ git branch -d css-assignments

error: The branch 'css-assignments' is not fully merged.

If you are sure you want to delete it, run 'git branch -D css-assignments'.

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)

\$ git branch -D css-assignments

Deleted branch css-assignments (was d0f5297).

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)

\$

ASSIGNMENT- S3 (javascript assignment)

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)

\$ git add README.txt

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)

\$ git commit -m "Added changes to README.txt"

[js-assignments 0133dca] Added changes to README.txt

1 file changed, 4 insertions(+)

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)

\$ git status

On branch js-assignments

nothing to commit, working tree clean

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)

\$ git checkout master

Switched to branch 'master'

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)

\$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: README.txt

no changes added to commit (use "git add" and/or "git commit -a")

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)

\$ git add README.txt

```
Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git commit -m "changed line in README.txt"
[master b8f746c] changed line in README.txt
1 file changed, 4 insertions(+)

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)
$ git commit -m "Added changes to a1.js and a2.js"
On branch js-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   a1.js
        modified:   a2.js

no changes added to commit (use "git add" and/or "git commit -a")

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)
$ git add *.js

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)
$ git commit -m "Added changes to a1.js and a2.js"
[js-assignments d6008fc] Added changes to a1.js and a2.js
2 files changed, 8 insertions(+)

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git merge js-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master|MERGING)
$ git add README.txt

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master|MERGING)
$ git commit -m " README.txt"
[master 8cfeaf2] README.txt

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git merge js-assignments
Already up to date.

Priya Saroj@SAROJLAL MINGW64 ~/Assignments (master)
$ git branch -D js-assignments
Deleted branch js-assignments (was d6008fc).
```

(GIT REMOTING)

ASSIGNMENT- S3

```
$ git push origin master
Enumerating objects: 24, done.
Counting objects: 100% (24/24), done.
Delta compression using up to 4 threads
Compressing objects: 100% (22/22), done.
Writing objects: 100% (24/24), 2.38 KiB | 270.00 KiB/s, done.
Total 24 (delta 8), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (8/8), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/pia25saroj/A-0/pull/new/master
remote:
To https://github.com/pia25saroj/A-0.git
 * [new branch]      master -> master
```

ASSIGNMENT- S4



