

# Git Assignment

1) create two files - student.txt and employee.txt and add them to staging area

```
charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment
$ git init
Initialized empty Git repository in D:/git_repo/gitassignment/.git/

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git config --global user.name "pooja"

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git config --global user.email "poojacharupalli@gmail.com"

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git remote add origin
charupconfig --global user.email "poojacharupalli@gmail.com"int

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git remote add origin https://github.com/poojacharupalli/Gitassignment

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git add .

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git status
On branch master

No commits yet

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

2) add one more file - dept.txt into staging area but at same time restore the employee.txt and modify some changes inside the student.txt

```
charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git add .

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git status
On branch master

No commits yet

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

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git restore employee.txt
```

```

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git commit -m "adding files"
[master (root-commit) 47feff7] adding files
3 files changed, 3 insertions(+)
create mode 100644 dept.txt
create mode 100644 employee.txt
create mode 100644 student.txt

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git restore student.txt

```

3) push dept.txt , employee.txt and student.txt to the remote repos

```

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 22 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 333 bytes | 83.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/poojacharupalli/Gitassignment
 * [new branch]      master -> master

```

4) create a new file - hello.txt in remote repos directly and bring to the working directory

```

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git pull origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 948 bytes | 27.00 KiB/s, done.
From https://github.com/poojacharupalli/Gitassignment
 * branch      master      -> FETCH_HEAD
   47feff7..84f56bf master  -> origin/master
Updating 47feff7..84f56bf
Fast-forward
 hello.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 hello.txt

```

5) send all files from working directory to remote repos

```

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git push origin master
Everything up-to-date

```

6) remove a file from the remote repos and sync the changes into your working directory

```

charupalli.pooja@INCHN-CG43874SQ MINGW64 /d/git_repo/gitassignment (master)
$ git pull origin master
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (2/2), 884 bytes | 55.00 KiB/s, done.
From https://github.com/poojacharupalli/Gitassignment
 * branch      master      -> FETCH_HEAD
   84f56bf..4a5ab29 master  -> origin/master
Updating 84f56bf..4a5ab29
Fast-forward
 employee.txt | 1 -
1 file changed, 1 deletion(-)
delete mode 100644 employee.txt

```