

Install GIT & make sure it is added into PATH.

Section 0 -Use GIT as local VCS. Steps to follow:

1. Create a directory 'project_dir' & cd to 'project_dir'.
2. Initialize git version database. (git init)
3. Create a new file index.html.
4. Check the git status. You should find index.html as untracked file.
5. Stage the index.html file.
6. Commit index.html
7. Make few changes in index.html & create a new file info.txt file.
8. Check git status. You should find index.html & info.txt as untracked files.
9. Configure GIT to ignore all txt files.
10. Again check the git status. You should find only index.html as untracked file.
11. State & commit index.html
12. Log all your comments so far.
13. Make some changes in index.html.
14. Revert the change made in the previous step using git command.
15. Again change index.html.
16. Stage index.html
17. Revert back the last stage.
18. Rename 'add' command to 'my-add'.
19. Using my_add command Stage index.html again & commit the changes.
20. Revert the last commit.

```
ramas@LAPTOP-RF9FPCG5 MINGW64 ~  
$ mkdir project_dir  
  
ramas@LAPTOP-RF9FPCG5 MINGW64 ~  
$ cd project_dir  
  
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir  
$ git init  
Initialized empty Git repository in C:/Users/ramas/project_dir/.git/  
  
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)  
$ touch index.html  
  
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)  
$ touch info.txt  
  
ramas@LAPTOP-RF9FPCG5 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  
    info.txt  
  
nothing added to commit but untracked files present (use "git add" to track)  
  
ramas@LAPTOP-RF9FPCG5 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  
    info.txt  
  
nothing added to commit but untracked files present (use "git add" to track)  
  
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)  
$
```

info.txt

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

```
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)
$
```

```
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)
$ mv*.txt .gitignore
```

bash: mv*.txt: command not found

```
ramas@LAPTOP-RF9FPCG5 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

info.txt

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

```
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)
$ git add index.html
```



```
ramas@LAPTOP-RF9FPCG5 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
```

```
info.txt
```

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

```
ramas@LAPTOP-RF9FPCG5 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
```

```
info.txt
```

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

```
ramas@LAPTOP-RF9FPCG5 MINGW64 ~/project_dir (master)
```