

Practice Project 1:

Angular Application on GitHub

Step 1:

Create new directory and use command git init

```
MINGW64:/e/SimplilearnProject

lenovo@Chandu MINGW64 /e/SimplilearnProject
$ git status
fatal: not a git repository (or any of the parent directories): .git

lenovo@Chandu MINGW64 /e/SimplilearnProject
$ git init
Initialized empty Git repository in E:/SimplilearnProject/.git/

lenovo@Chandu MINGW64 /e/SimplilearnProject (master)
$ |
```

Step 2:

Add new files to the directory

```
MINGW64:/e/SimplilearnProject-1

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ dir
angular.json      app.component.html  app.module.ts  index.html      main.ts      styles.css      tsconfig.json
app.component.css  app.component.ts    favicon.ico    item.directive.ts  package.json  tsconfig.app.json  tsconfig.spec.json

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$
```

Step 3:

Use git status command to see untracked files

```
MINGW64:/e/SimplilearnProject-1

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    angular.json
    app.component.css
    app.component.html
    app.component.ts
    app.module.ts
    favicon.ico
    index.html
    item.directive.ts
    main.ts
    package.json
    styles.css
    tsconfig.app.json
    tsconfig.json
    tsconfig.spec.json

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

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ |
```

Step 4:

Create .gitignore file and add the extensions which should not be tracked

```
.gitignore

*.component.css
*.component.ts
*.module.ts
*.directive.ts
*.app.json
*.spec.json
```

Step 5:

Again, use git status command and we can see some files are not tracked

```
MINGW64:/e/SimplilearnProject-1

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        angular.json
        app.component.html
        favicon.ico
        index.html
        main.ts
        package.json
        styles.css
        tsconfig.json

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

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$
```

Step 6:

Use git add . command to move files to staging area

```
MINGW64:/e/SimplilearnProject-1

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ git add .
warning: in the working copy of 'angular.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'app.component.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'main.ts', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'package.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'styles.css', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'tsconfig.json', LF will be replaced by CRLF the next time Git touches it

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitignore
        new file:   angular.json
        new file:   app.component.html
        new file:   favicon.ico
        new file:   index.html
        new file:   main.ts
        new file:   package.json
        new file:   styles.css
        new file:   tsconfig.json

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ |
```

Step 7:

Use `git commit -m "first commit to LR"` command to move files from staging area to Local Repo

```
MINGW64:/e/SimplilearnProject-1

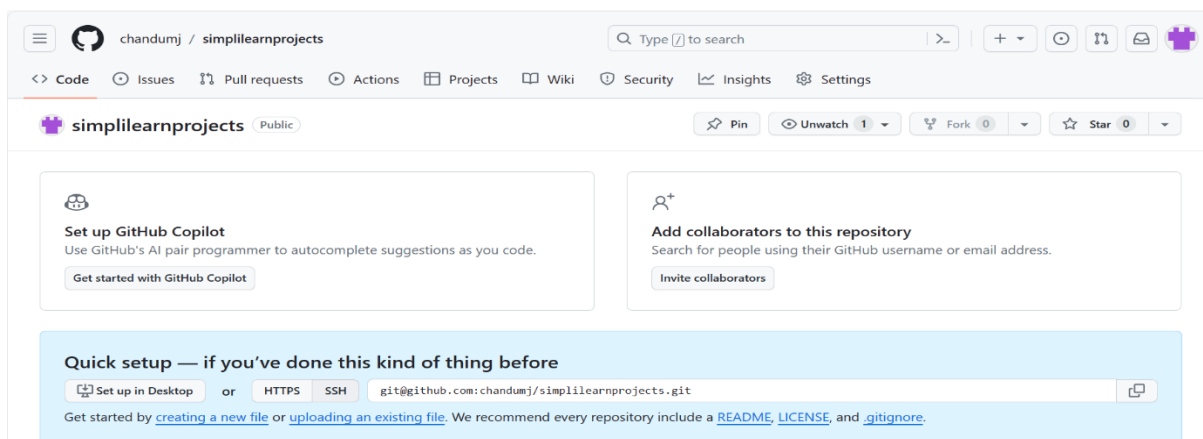
lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ git commit -m "first commit to LR"
[master (root-commit) 2b75d41] first commit to LR
9 files changed, 294 insertions(+)
create mode 100644 .gitignore
create mode 100644 angular.json
create mode 100644 app.component.html
create mode 100644 favicon.ico
create mode 100644 index.html
create mode 100644 main.ts
create mode 100644 package.json
create mode 100644 styles.css
create mode 100644 tsconfig.json

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$ git ls-files
.gitignore
angular.json
app.component.html
favicon.ico
index.html
main.ts
package.json
styles.css
tsconfig.json

lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)
$
```

Step 8:

Create a New repository in the GitHub and copy the SSH link



Step 9:

Add Remote repository by using git remote add origin <SSH Link>

```
MINGW64:/e/SimplilearnProject-1  
  
lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)  
$ git remote add origin git@github.com:chandumj/simplilearnprojects.git  
  
lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)  
$ git remote -v  
origin  git@github.com:chandumj/simplilearnprojects.git (fetch)  
origin  git@github.com:chandumj/simplilearnprojects.git (push)  
  
lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)  
$
```

Step 10:

Use git push origin master command to push files from Local Repo to Remote Repo

```
MINGW64:/e/SimplilearnProject-1  
  
lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)  
$ git push origin master  
Enumerating objects: 11, done.  
Counting objects: 100% (11/11), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (10/10), done.  
Writing objects: 100% (11/11), 3.92 KiB | 3.92 MiB/s, done.  
Total 11 (delta 0), reused 0 (delta 0), pack-reused 0  
To github.com:chandumj/simplilearnprojects.git  
* [new branch]      master -> master  
  
lenovo@Chandu MINGW64 /e/SimplilearnProject-1 (master)  
$ |
```

Step 11:

All files are added to Remote Repository

The screenshot shows a GitHub repository page for 'simplilearnprojects' by user 'chandumj'. The repository is public and has 1 branch (master) and 0 tags. The commit history shows a single commit 'first commit to LR' by 'chandumj' 3 minutes ago. The file list includes .gitignore, angular.json, app.component.html, favicon.ico, index.html, main.ts, package.json, styles.css, and tsconfig.json, all committed 3 minutes ago. The right sidebar shows the 'About' section with no description, 0 stars, 1 watching, and 0 forks. The 'Releases' section shows no releases published. The 'Packages' section shows no packages published. The 'Languages' section is also visible.

File	Commit	Time
.gitignore	first commit to LR	3 minutes ago
angular.json	first commit to LR	3 minutes ago
app.component.html	first commit to LR	3 minutes ago
favicon.ico	first commit to LR	3 minutes ago
index.html	first commit to LR	3 minutes ago
main.ts	first commit to LR	3 minutes ago
package.json	first commit to LR	3 minutes ago
styles.css	first commit to LR	3 minutes ago
tsconfig.json	first commit to LR	3 minutes ago

GitHub Link:

[chandumj/simplilearnprojects \(github.com\)](https://github.com/chandumj/simplilearnprojects)