

# Assignment-8

**Problem Definition:** Deploy a project from a local machine to GitHub and vice-versa.

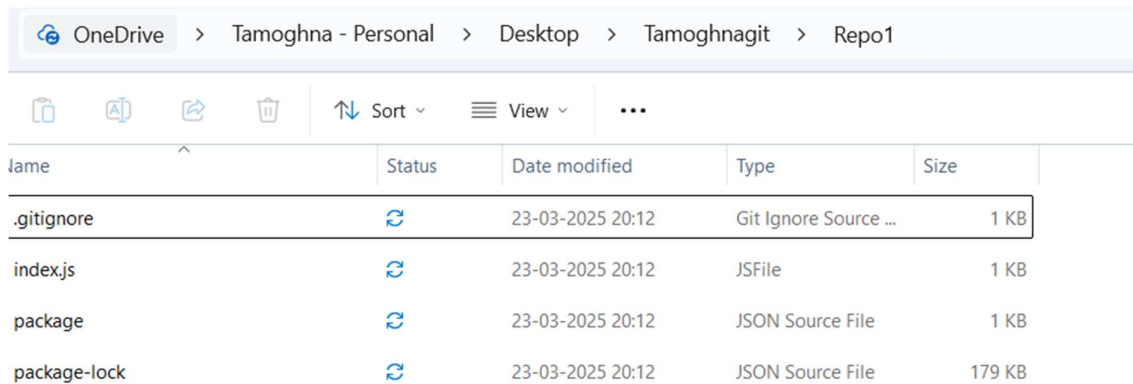
Step-1: At first, clone the project and save it in a newly created folder. Delete .git and .txt extensions containing files from it. The required commands in GitBash is given below.

```
basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit
$ git clone https://github.com/sudip7407/Repo1.git
Cloning into 'Repo1'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 10 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (10/10), 49.46 KiB | 1.15 MiB/s, done.
Resolving deltas: 100% (1/1), done.

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit
$ ls
Repo1/

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit
$ git init
Initialized empty Git repository in C:/Users/basut/OneDrive/Desktop/Tamoghnagit/.git/

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$
```



| Name         | Status | Date modified    | Type                  | Size   |
|--------------|--------|------------------|-----------------------|--------|
| .gitignore   |        | 23-03-2025 20:12 | Git Ignore Source ... | 1 KB   |
| index.js     |        | 23-03-2025 20:12 | JSFile                | 1 KB   |
| package      |        | 23-03-2025 20:12 | JSON Source File      | 1 KB   |
| package-lock |        | 23-03-2025 20:12 | JSON Source File      | 179 KB |

Step-2) Sign in to GitHub and create a new repository with a file name. If a token key is not generated, Go to settings->Developer settings->Personal access tokens->Tokens(classic)->Generate new token. If it already exists, we can use the existing token later.

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

Required fields are marked with an asterisk (\*).

Owner \*

 TB-coder12

Repository name \*

/ Tamoghnanew

✓ Tamoghnanew is available.

Great repository names are short and memorable. Need inspiration? How about [verbose-carnival](#) ?

Description (optional)

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

 You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

 You are creating a public repository in your personal account.

Create repository

Step-3) Now follow the following commands to deploy the project "Repo1" into the newly created repository of GitHub.

```

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git config --global user.name "Tamoghn anew"

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git config --global user.email "mathbasu9@gmail.com"

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git config --global --list
user.name=Tamoghn anew
user.email=mathbasu9@gmail.com

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git add .
warning: adding embedded git repository: Repo1
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule use:

```

```

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Repo1

```

```

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git commit -m "done"
[master (root-commit) 2c5fc1a] done
1 file changed, 1 insertion(+)
create mode 160000 Repo1

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git remote add origin https://github.com/TB-coder12/Tamoghn anew.git

basut@Tamoghna MINGW64 ~/OneDrive/Desktop/Tamoghnagit (master)
$ git push -u origin master
Enumerating objects: 2, done.
Counting objects: 100% (2/2), done.
Writing objects: 100% (2/2), 195 bytes | 195.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/TB-coder12/Tamoghn anew.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

```

Step-4) After dealing with Git Bash, open the repository and refresh it to find the pushed in project "Repo1" into the GitHub repository.

Tamoghnanew

Public

Pin

Unwatch 1

Fork 0

Star 0

master1 Branch0 Tags

Go to file

Add file

<> Code

About

TB-coder12 done

2c5fc1a · 21 minutes ago

1 Commit

Repo1

done

21 minutes ago

README

Add a README

Help people interested in this repository understand your project by adding a README.

Add a README

No description, website, or topics provided.

Activity

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Repo1

gitignore

index.js

package-lock.json

package.json

| Name              | Last commit message | Last commit date |
|-------------------|---------------------|------------------|
| ..                |                     |                  |
| .gitignore        | done                | 10 minutes ago   |
| index.js          | done                | 10 minutes ago   |
| package-lock.json | done                | 10 minutes ago   |
| package.json      | done                | 10 minutes ago   |