1.SCM----source code management

2. repository-----storage for your data or project

## How to create a new repository in GITHUB.com

1. select + sign on github.com and name the repository name same as pc directory with public and press creat repository

**a new repository on the command line**

echo "# GITHUB" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/pkb1981/GITHUB.git

git push -u origin main

CREATE PATH IN CMD MODE---D:\PRO&DEV\Programming Hero\GIT-GITHUB

cd d:----cd pro(tab)----cd pro(tab)

**from Vs code select GIT folder**

**now open terminal and change the font size in Terminal TO 16**

run the first command in terminal---echo "# GIT-02.22" >>README.md

add-------git init

git add .

add----------- git config --global user.email “[pallab.b7@gmail.com](mailto:pallab.b7@gmail.com)”

add----------- git config--global user.name"pkb1981"

add----------git branch -M main

add------git remote add origin https://github.com/pkb1981/GIT-GITHUB.git

add------git push -u origin main

go to github settings---github pages---source—branch(main)

**For any change** ----git add . and git commit -m”description” lastly git push

## **Resolving ‘fatal: remote origin already exists’**

For most development environments, origin is the default handler used. Here are 3 ways to resolve fatal: remote origin already exists.

### 1. Remove the Existing Remote

remote refers to the hosted repository. origin is the pointer to where that remote is. Most of the time, origin is the only pointer there is on a local repository.

If you want to change the pointing URL attached to origin, you can remove the existing origin and then add it back in again with the correct URL.  
To remove your handler, use the remove command on remote, followed by the handler name – which, in our case, is origin.  
Here is an example: git remote remove origin

To check that handler is deleted properly, run the following: git remote -v

You will either get an empty list, or you will get a list of remote handlers that are currently attached to the project with origin removed from the list.  
Now you can run git remote add origin [url].git without encountering the fatal: remote origin already exists error.