METHOD 1 :

1. Create a New Repo on github profile dashboard after github login.
2. Use the commands written on github start page on VS code terminal after creating a new file (text , pdf , word , html ,etc) in a new folder on Desktop.

Index.html (example code):

```
<!DOCTYPE html>
<html>
<head>
  <title>Welcome</title>
</head>
<body>
  <h1>✅ Welcome to Firebase Auth Demo API!</h1>
  <p>You are successfully authenticated with Firebase and Node.js.</p>
</body>
</html>
```

METHOD 2 :

Here's a step-by-step guide to **create a GitHub account**, **create a repository**, and **push your code using Git commands**:

✅ **Step 1: Create a GitHub Account**

1. Go to https://github.com
2. Click **Sign up**.
3. Fill in your username, email, and password.
4. Verify your email and complete account setup.

✅ **Step 2: Create a New Repository on GitHub**

1. After logging in, click the **+** icon at the top-right and select **"New repository"**.
2. Give your repo a name (e.g., my-first-repo).
3. Choose:
    - Public or Private
    - (Optional) Add a README file.
4. Click **Create repository**.

✅ **Step 3: Set Up Git Locally**

Make sure Git is installed. Run this to check:

git --version

If not installed, download it from https://git-scm.com.

✅ **Step 4: Initialize Your Local Repository**

In your project folder:

cd path/to/your/project

git init

✅ **Step 5: Add Files and Commit**

git add .

git commit -m "Initial commit"

✅ **Step 6: Link Your Local Repo to GitHub**

Copy the remote URL from your GitHub repo (e.g., https://github.com/yourusername/my-first-repo.git) and run:

git remote add origin https://github.com/yourusername/my-first-repo.git

---

✅ **Step 7: Push to GitHub**

If this is your first push:

git branch -M main

git push -u origin main

IF ERRORS FOLLOW THE BELOW COMMANDS OR STEPS : -

If you're trying to push to GitHub but **not pushing** due to a **branch error**, it usually means either:

- Your **local branch name** doesn't match the **remote** branch (e.g., trying to push main when it doesn't exist remotely).
- You're trying to push from a **branch that doesn't track** any remote branch yet.

✅ **Fix Branch Errors with These Commands**

🛠 **1. Check your current branch name**

git branch

Make sure you're on the correct branch, typically main or master.

🛠 **2. Rename your local branch to main (if needed)**

If you're on master and GitHub is expecting main, rename it:

git branch -m master main

🛠 **3. Set the upstream branch and push**

This tells Git where to push your local branch:

git push -u origin main

The -u flag sets the upstream branch so future git push or git pull commands will work without extra arguments.

🛠 4. If remote already has a branch with a different name

You can create and push a branch that matches your local branch:

git push --set-upstream origin your-branch-name

🛠 5. To list remote branches (for troubleshooting)

git branch -r

Example :

C:\Users\eXpert\Desktop\WAD>**git init**

Initialized empty Git repository in C:/Users/eXpert/Desktop/WAD/.git/

C:\Users\eXpert\Desktop\WAD>**git remote add origin**
https://github.com/HarshCraft/WAD_Practical.git

WAD Cheat no.3

3.Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

C:\Users\eXpert\Desktop\WAD>**git add .**

C:\Users\eXpert\Desktop\WAD>**git commit -m "Initial commit for WAD practical"**

[master (root-commit) 97aa776] Initial commit for WAD practical

4 files changed, 353 insertions(+)

create mode 100644 Exam management system/Exam Dashboard.html

create mode 100644 Exam management system/college_Dashboard.html

create mode 100644 user registration data (2,8)/register.html

create mode 100644 user registration data (2,8)/users.html

C:\Users\eXpert\Desktop\WAD>**git push -u origin main**

Enumerating objects: 8, done.

Counting objects: 100% (8/8), done.

Delta compression using up to 4 threads

Compressing objects: 100% (8/8), done.

Writing objects: 100% (8/8), 3.18 KiB | 361.00 KiB/s, done.

Total 8 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/HarshCraft/WAD_Practical.git

* [new branch]   main -> main

branch 'main' set up to track 'origin/main'.