**Pushing Files to GitHub using VS Code Terminal**

**Step-by-Step Guide**

This guide provides step-by-step instructions on how to commit and push your Flask project files to GitHub using the **VS Code terminal**.

**Step 1: Open VS Code & Navigate to Your Project Directory**

1. Open **Visual Studio Code**.
2. Click on **Terminal** → **New Terminal** to open a command line interface.
3. In the terminal, navigate to your project folder using the cd command:
4. cd path/to/your/project

*Example:*

cd C:\Users\YourName\Documents\FlaskProject

**Step 2: Initialize Git Repository (Only If Not Already Initialized)**

Skip this step if your project is already connected to a Git repository.

1. Run the following command to initialize a new Git repository:
2. git init
3. Link your project to a GitHub repository:
4. git remote add origin https://github.com/YOUR\_GITHUB\_USERNAME/YOUR\_REPOSITORY\_NAME.git

*Example:*

git remote add origin https://github.com/wilskimo1/flask-project.git

**Step 3: Check the Status of Your Files**

To see which files are ready to be committed, run:

git status

Any **untracked** or **modified** files will be listed.

**Step 4: Stage Files for Commit**

To stage all files for commit, use:

git add .

This prepares all new and modified files to be committed.

**Step 5: Commit Changes**

Now, commit the staged files with a descriptive message:

git commit -m "Updated project files and fixed API connection"

*Modify the commit message to describe what changes were made.*

**Step 6: Push Files to GitHub**

Upload the committed changes to your **GitHub repository** by running:

git push origin main

*If your branch name is not main, replace main with the correct branch name.*

**Step 7: Verify on GitHub**

1. Open your **GitHub repository** in a web browser.
2. Refresh the page to ensure your files have been uploaded successfully.

**Additional Commands**

* **To check the current branch:**
* git branch
* **To create and switch to a new branch:**
* git checkout -b new-branch-name
* **To pull the latest changes from GitHub:**
* git pull origin main

**You're Done! 🎉**

Your Flask project is now successfully pushed to GitHub from the **VS Code terminal**.