

## Pushing Files to GitHub for first time 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**.

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#### 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
```

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#### 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
```

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#### 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.

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#### 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.

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### 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.*

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### 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.*

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### 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.
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### 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`
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**You're Done!** 🎉

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