Step-by-Step Guide: Upload a WinForms Project to GitHub

Step 1: Install Git

If you have not installed Git yet, download and install it from:

https://git-scm.com/downloads

After installation, restart your computer to apply the changes.

Step 2: Create a GitHub Repository

1. Go to GitHub: https://github.com/

2. Click 'New Repository' (Create a new repository).

3. Enter a Repository Name (e.g., WinFormsCalculator).

4. Select 'Public' or 'Private'.

5. DO NOT check 'Add README', 'Add .gitignore', or 'Add license'.

6. Click 'Create Repository'.

7. Copy the repository URL (e.g., https://github.com/YourUsername/WinFormsCalculator.git).

Step 3: Open Git Bash in Your Project Folder

1. Go to Your Project Directory in Windows Explorer (e.g., C:\Users\YourName\source\repos\WinFormsCalculator).

2. Right-click inside the folder and click 'Git Bash Here'.

Step 4: Initialize Git in Your Project

Run the following commands in Git Bash:

git init

git add .

git commit -m 'Initial commit - WinForms Calculator'

Step 5: Connect to GitHub

Run the following command to connect your local project to GitHub:

git branch -M main

git remote add origin https://github.com/YourUsername/WinFormsCalculator.git

git push -u origin main

Step 6: Verify on GitHub

1. Go to your GitHub repository.

2. Refresh the page.

3. You should see all your project files!

Step 7: How to Update Your Project in the Future

Whenever you make changes to your project and want to update it on GitHub, run these commands:

git add .

git commit -m 'Updated UI and fixed bugs'

git push origin main

Step 8: How to Remove a File (Optional)

If you accidentally uploaded a file and want to remove it, use:

git rm unwanted_file.txt

git commit -m 'Removed unwanted file'

git push origin main

For example, to remove README.md:

git rm README.md

git commit -m 'Removed README.md'

git push origin main