

# Beginner-friendly way to upload your project to a GitHub repository:-

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## □ Step 1: Install Git

If you don't already have Git:

- Download from: <https://git-scm.com/>
- Install and verify:

```
git --version
```

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## □ □ Step 2: Create a Repository on GitHub

1. Go to <https://github.com>
  2. Click “**New repository**”
  3. Give it a name
  4. Choose Public or Private
  5. Click **Create repository**
- 

## □ Step 3: Prepare Your Project Folder

Open terminal (or Git Bash) and navigate to your project:

```
cd path/to/your/project
```

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## □ Step 4: Initialize Git

```
git init
```

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## □ Step 5: Add Files

```
git add .
```

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## □ Step 6: Commit Files

To set up **global configuration in Git Bash**, you mainly need to define your name and email. This is used for all your commits.

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### □ Set Global Username

```
git config --global user.name "Your username"
```

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### □ Set Global Email

```
git config --global user.email "your-email@example.com"
```

□ Make sure this email matches the one you use on GitHub if you want commits linked to your profile.

```
git commit -m "Initial commit"
```

## □ Step 7: Connect to GitHub Repository

Copy your repo URL from GitHub, then run:

```
git remote add origin https://github.com/your-username/repository-name.git
```

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## □ Step 8: Push to GitHub

```
git branch -M main  
git push -u origin main
```

---

## □ Done!

Your project is now live on GitHub □

## Note:-

If your `git push` fails, don't worry—this is very common. The fix depends on the exact error.

### Fix: Make sure you committed

```
git add .
git commit -m "first commit"
git branch -M main
git push -u origin main
```

After you run `git push`, the “**verify in browser**” message usually appears when Git is asking you to authenticate via your browser (especially with newer security in GitHub).

Here's what it means and what to do ☐

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## ☐ What “Verify in Browser” Means

- Git is trying to log you in securely
  - Instead of password, it opens a browser for verification
  - This is normal (OAuth login)
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## ☐ What You Should Do

1. When you see:

```
Please complete authentication in your browser...
```

2. A browser window should open automatically
  - If not, copy the URL shown in Git Bash and open it manually
3. Log in to your GitHub account
4. Click **Authorize / Continue**
5. Go back to Git Bash → push will complete ☐

