

## Setting Up a Public GitHub Repository for Practice Solutions

Thank you for participating in DN program! To submit your solutions for practice problems, you will need to set up a public GitHub repository and upload your solutions. Please follow the steps below to get started:

### Step 1: Sign Up/Login to GitHub

- If you don't have a GitHub account, sign up for free at [GitHub](https://github.com).
- If you already have an account, log in to your GitHub account.

### Step 2: Create a New Repository

1. Click on the "+" icon in the top right corner of your GitHub profile and select "New repository."
2. Enter a name for your repository (e.g., "learning-program-solutions").
3. Choose whether you want your repository to be public.
4. Click on "Create repository."

### Step 3: Clone the Repository to Your Local Machine

- Open Git Bash (or any Git tool you prefer) on your local machine.
- Use the **git clone** command to clone your repository to your local machine. For example:  
*git clone https://github.com/your-username/learning-program-solutions.git*

### Step 4: Place Your Solutions in the Repository

- Copy your solution files to the cloned repository directory on your local machine.

### Step 5: Add, Commit, and Push Your Changes

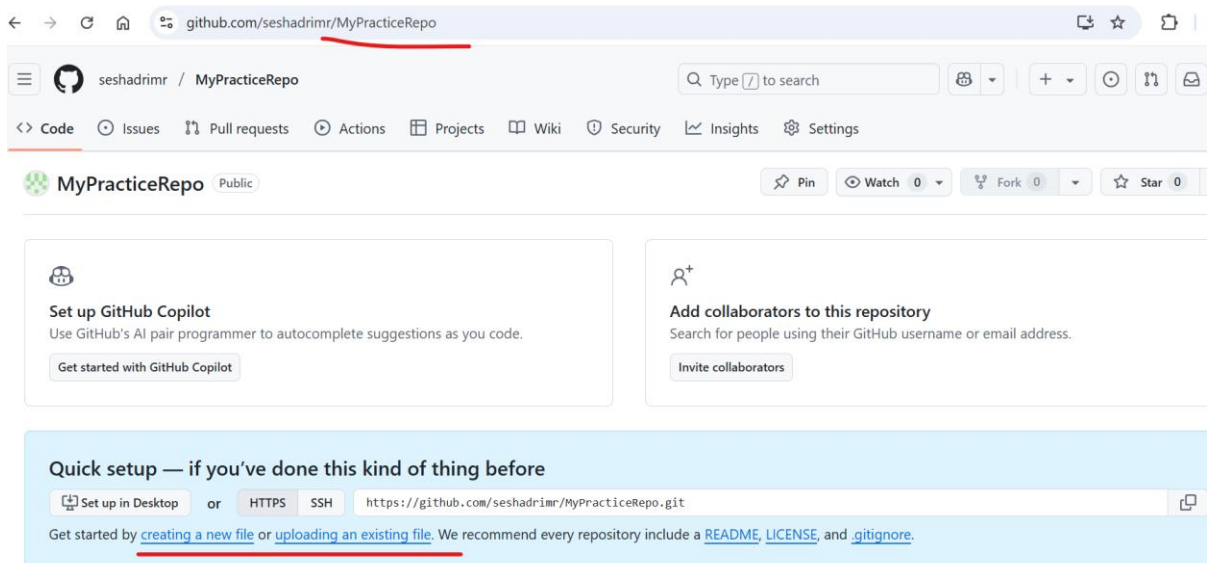
- Use the following commands to add, commit, and push your changes to GitHub:  
*git add . git commit -m "Add solutions for practice problems" git push origin main*

### Step 6: Verify Your Solutions on GitHub

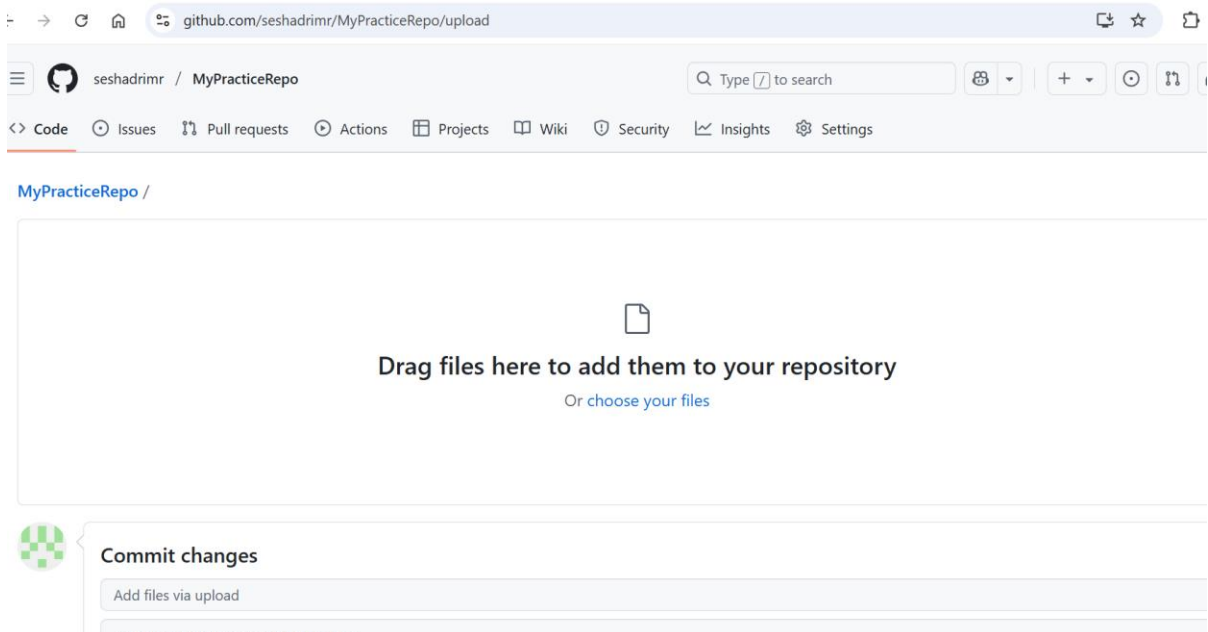
- Visit your repository on GitHub (e.g., <https://github.com/your-username/learning-program-solutions>) to verify that your solutions have been successfully uploaded.

## For Code upload via github.com site:

### Step 4.1: Upload code to the newly created repository

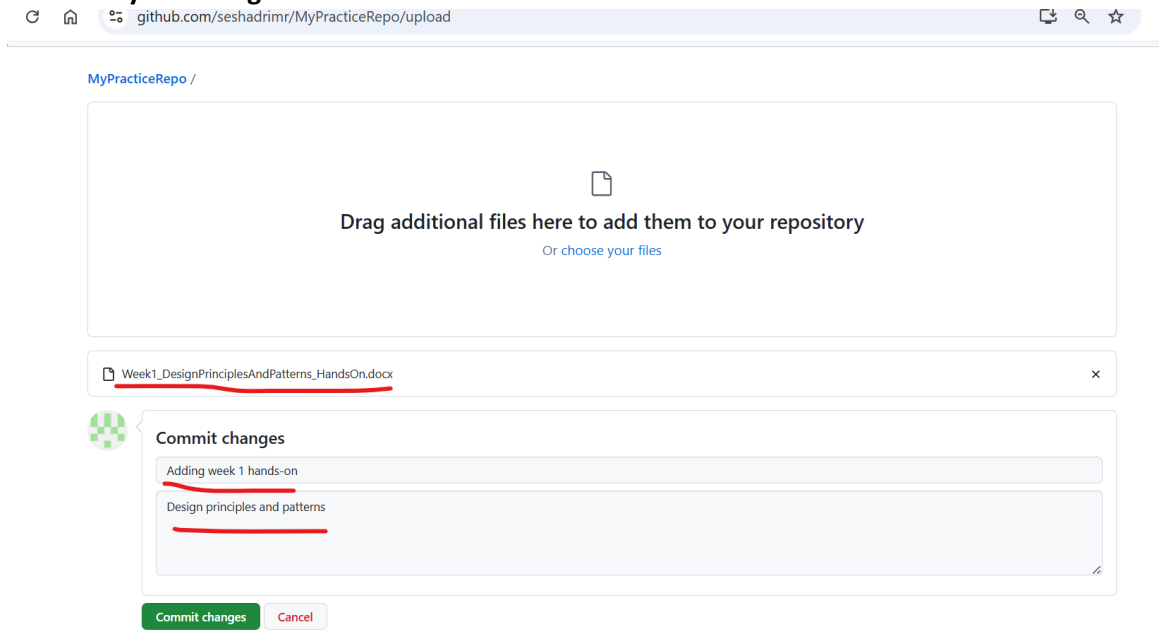


- Upon creation of the repository, the first time, you'll see the screen as shown above to upload the code via GitBash OR via the online mode too. Click the link 'uploading an existing file'
- Organize your content as per the required structure in your local machine, by following a format as shown in the example, with the appropriate skill name. Eg: Parent folder -> 'Week 1\_DesignPrinciplesAndPatterns\_HandsOn.docx'



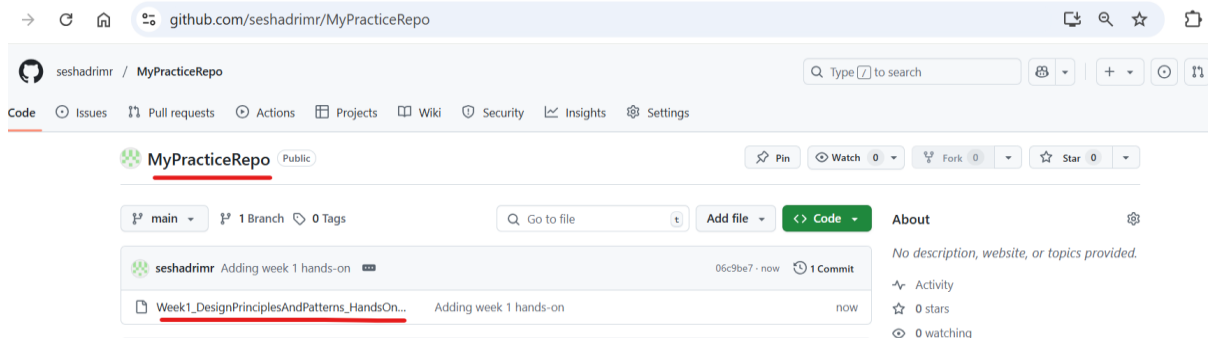
- Drag and drop the file that you want to upload.
- You can upload the folder directly too, as against the file since it might be appropriate for code upload.

### Step 5.1: Commit your changes



- Upon drag and drop or selecting the file for upload, please provide meaningful comment in the 'Commit changes' section with more detail in the text area below.
- Once done, please click the 'Commit changes' button.

### Step 6.1: Verify Your Solutions on GitHub



- Verify your content on your GitHub repository as shown above.

**Note:** Ensure that your repository is public so that our team can access and review your solutions. **We recommend keeping your repository organized and easy to navigate for better visibility.**

**We recommend 2 options for the hands-on content upload. Please choose whichever option works best.**

#### Option 1:

- Create a word document. Name it in the format as [Week number]\_[Skill]\_HandsOn.docx
- Inside the document, type the name of the hands-on question.
- Paste the code.
- Copy paste the output screenshots.

Option 2:

- Create a folder in the format [Week number]\_[Skill]. This is the parent folder.
- Create a sub-folder inside the parent folder in the format '[Handson serial number of the skill]\_[name]' of the hands-on question.
- Create a sub-folder 'Code' inside the parent folder. Place the code files inside it.
- Create a sub-folder 'Output' inside the parent folder. Place the output screenshots inside it.

If you have any questions or need assistance, please feel free to reach out to us. Happy learning!