Complete GitHub Workflow

Here's a step-by-step routine for checking code into your GitHub repository using Visual Studio Code and command-line commands:

1. Install Git:

- If you haven't already, install Git on your computer. You can download it from the official Git website (https://git-scm.com/).

2. Configure Git:

- Open your terminal or command prompt and configure your Git identity by setting your name and email. Use the following commands, replacing "Your Name" and "your@email.com" with your actual name and email address:

```
git config --global user.name "Your Name"
git config --global user.email "your@email.com"
```

3. Initialize a Git Repository:

- Navigate to the directory where your code project is located using the `cd` command.

- Initialize a Git repository by running:

```
git init
```

4. Add and Commit Changes:

- Make changes to your code.

- Add the changes to the staging area using:

```
git add .
```

- Commit the changes with a descriptive message:

```
git commit -m "Your commit message here"
```

5. Create a GitHub Repository:

- Go to the GitHub website and log in.

- Click on the "+" sign in the top right corner and select "New repository."

- Follow the prompts to create a new repository on GitHub.

6. Set Remote Repository:

- In your terminal, set the remote repository URL to your GitHub repository by replacing `<GitHub_Username>` and `<Your_Repository_Name>` with your GitHub username and repository name:

```
git remote add origin <https://github.com/><GitHub_Usernam
e>/<Your_Repository_Name>.git
```

7. Push Code to GitHub:

- Push your code to GitHub using the following command:

```
git push -u origin master
```

- You'll be prompted to enter your GitHub username and password.

8. Authentication with Personal Access Token (Optional):

- For added security, consider using a Personal Access Token (PAT) instead of your GitHub password for authentication. You can create a PAT on your GitHub account settings and use it when prompted.

9. Verify on GitHub:

- Visit your GitHub repository in a web browser to ensure your code has been successfully pushed.

Now, you have a routine to check your code into GitHub using Visual Studio Code and command-line commands. Remember to replace placeholders like

`<GitHub_Username>` and `<Your_Repository_Name>` with your actual GitHub information.

Changing default branch to "main":

```
git checkout -b main origin/main
```