

Hands-on Exercise #1: Fork a Repository and Create a Pull Request

Task: Fork the workshop repository and make a change.

Step 1: Fork the Repository

1. Go to the **GitHub repository** you want to fork (e.g., <https://github.com/example/workshop-repo>).
2. In the top-right corner, click the **Fork** button.
3. GitHub will create a copy of the repository under your own GitHub account.

Step 2: Clone the Forked Repository (Optional, Recommended)

1. In your new fork, click **Code** > **HTTPS** or **SSH** to copy the URL.
2. Open **VS Code** or your terminal, and run the following command:

```
```bash
```

```
git clone <forked-repository-url>
```

3. Navigate into the project directory:

```
cd <repository-name>
```

### ### Step 3: Create a New Branch

1. In your terminal or VS Code, run:

```
git checkout -b my-new-branch
```

2. This creates and switches to a new branch where you'll make your changes.

### ### Step 4: Make a Change

1. Open a file (e.g., README.md) in **VS Code**.

2. Add a small change, such as:

```
Workshop Repository
```

```
This is a great workshop for learning GitHub!
```

3. Save the file

### ### Step 5: Stage and Commit Your Changes

1. Stage your changes:

```
git add .
```

2. Commit your changes:

```
git commit -m "Updated README with my changes"
```

### ### Step 6: Push the Branch to GitHub

1. Push your new branch to your forked repository:

```
git push origin my-new-branch
```

### ### Step 7: Open a Pull Request

1. Go to your **forked repository** on GitHub.

2. You should see a message saying, "Compare & pull request". Click the button.

3. On the pull request page:

- **Title:** "Updated README with a friendly message".
- **Description:** Explain what changes you made.

4. Click **Create pull request**.

## **Goal: Learn Collaboration through Pull Requests**

This exercise demonstrates how to:

- Fork a repository.
- Make changes on a new branch.
- Open a pull request to contribute changes.