# 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.