1. **Git Branches**

**Step 1: Create and Clone Repo**

Create an **empty GitHub repo and then clone the repo to work in it locally:**

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**Step 2: Add and Commit Files**

After that, **add** the files from the **lab resources** to the local repo folder. You can use **git status** to check the working directory state:

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After that, **add** and **commit** all the chages with **git add .** and **git commit:A white background with black text

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**Step 3: Push to GitHub**

Next step is to **push** to the **remote** **repository**, using **git push**:

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**Step 4: Create a New Branch**

Now it's time to **create** and **switch** to a **new branch,** called **"add-title":**

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Make some changes in the **index.html** file (you can add an **<h1>** tag with title):

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**Step 5: Commit New Branch Changes**

Add and **commit** to the local repo:

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And then, **push** to the **remote** **repo**. An **error** should occur, as this branch is created only **locally** and you don't have it in your **remote GitHub repo**:

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**Step 6: Add Upstream and Push Changes**

Now, **add upstream** and **push again** using this command:

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You should have your new "**add-title**" branch in the remote repo:

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**Step 7: Merge Branches**

Now, **switch** to the "**main**" branch and **merge** it with "**add-title**"

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**Step 8: Delete Branch**

**Delete the local branch:**

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And **delete** the **remote** **GitHub branch**:

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## Creating a Pull Request

### Step 1: Create Branch, Make Changes and Push

Like in the previous task, create a **new** **branch** "**add-form**":

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Now, **add** an HTML form in the **index.html** file, commit and push the changes to the **remote** **GitHub repo:**

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### Step 2: Open a Pull Request in GitHub

Now it's time to open a pull request from the "main" to the "add-form" branch:

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### Step 3: Request a Review (Optional)

You have the option to request a review of your changes:

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### Step 4: Team Discussion

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