**Programming Exercise**

This PE is heavily based on the code you created in this week's HOS.

**Part 1 – Git Branches**

Create a repository with two branches: main and dev1

[Print Screen 1] A black background with white text

Description automatically generated

**Part 2 – Creating an Azure Static Web App**

Using your Azure free account from this Week's HOS, create an Azure Static App named helloworld2. Connect the Static App to the main branch in your repository

[Print Screen 2]

**Part 3 – Adding file**

Add a file named index.html to the dev1 branch. Include the following code in your file.

<!DOCTYPE html>

<html>

  <head>

    <title>Hello World Button</title>

  </head>

  <body>

    <button onclick="document.getElementById('output').innerHTML = 'Hello World!'">Click me!</button>

    <div id="output"></div>

  </body>

</html>

**Part 4 – Integration**

Follow these steps:

1. Push the file into the dev1 branch.
2. Merge the dev1 branch into the main.
3. Verify that the deployment action succeeded [Print Screen 3].
4. Navigate to your page [Print Screen 4].

**Submit the items below to the PE submission page:**

1. The URL for your page
2. Each of the print screens indicated
3. A 50 to 100-word analysis for each question (with screenshots if necessary) in the PE question document.
   * Ensure the PE module number and your name are written on the file name, e.g., "*PExx\_Name.docx").*