Exercise: HTML Tables

Introduction

Students will create a structured and well-formatted HTML table that displays tabular data effectively, applying concepts like headers, spanning rows and columns, and additional table elements.

GitHub Instructions for Activity

You will use **GitHub** to store your work and track activities.

1. Use your existing folder

- View the folder: `html-practice`.
- Store all activity files here.

2. Use GitHub Issues

- Open the **Issues** tab in your repository.
- **Create a new issue**: Exercise HTML Tables
- **Add a brief description:** Complete the exercise instructions.
- Create a branch for this issue (from the issue itself).
- Add, commit, and push changes regularly.
- Submit a Pull Request to your instructor for review.

Instructions

Part 1: Basic Table Creation

1. Create a new HTML file and set up the basic document structure.
2. Inside the document, create a table that includes:
   - Four columns: "Product Name", "Category", "Price", and "Stock Status."
   - Four rows of product information.

Part 2: Enhancing the Table

Modify the table by implementing the following:

1. Add a table caption describing the contents of the table.
2. Wrap the header row in a table head section.
3. Place the product rows in a table body section.
4. Add a table footer row with a "Total Products" label that spans all four columns.
5. Use a feature to merge cells:
   - Merge the "Electronics" category for the first two rows.
   - Merge the "Total Products" label across all four columns.

Bonus Challenge

- Add a new category with at least two additional products and apply row merging where appropriate.