5-Day Ruby To-Do List Project

This is a simple 5-day portfolio project for you to work on that will help improve your Ruby coding

skills.

Let's build a basic "To-Do List" application. Each day will have specific tasks to accomplish, allowing

you

to gradually build and enhance the project.

Day 1: Setting Up and Basic Functionality

Goal: Set up the project and create basic functionality to add and list to-do items.

1. Set up your development environment:

   - Install Ruby if you haven't already.

   - Set up a new directory for your project.

   - Initialize a new Git repository (optional but recommended for version control).

2. Create the main Ruby file:

   - Create a todo.rb file.

   - Define a basic structure for your To-Do List application.

   - Implement functionality to add a new to-do item.

   - Implement functionality to list all to-do items.

Day 2: Adding More Functionality

Goal: Enhance the application by adding the ability to mark items as done and delete items.

1. Mark items as done:

- Implement functionality to mark a to-do item as done.

2. Delete items:

  - Implement functionality to delete a to-do item.

Day 3: Adding Persistence

Goal: Implement a way to save and load the to-do list so it persists between sessions.

1. Save to file:

  - Implement functionality to save the to-do list to a file.

2. Load from file:

  - Implement functionality to load the to-do list from a file.

Day 4: Enhancing User Interaction

Goal: Improve the user interface and interaction through command-line prompts.

1. Interactive prompts:

  - Implement a command-line interface to interactively add, list, mark, and delete items.

2. Error handling:

  - Add basic error handling for invalid inputs.

Day 5: Adding Final Touches and Documentation

Goal: Refine the project, add comments, and create documentation.

1. Code comments:

   - Add comments to your code to explain what each part does.

2. Readme file:

   - Create a README.md file to explain how to set up and use your To-Do List application.

3. Code cleanup:

   - Review and refactor your code for any improvements.