

# Exercise: Recipe Page Development

**Objective:** Create a dynamic web page to display recipe information, fetching data from an external API, and implement specific filtering and display requirements.

**Technologies Allowed:** HTML, JavaScript

## Part 1: All Recipes Page

### 1. Page Structure:

- Create an HTML page to host the recipe information.
- The page should have a main content area for displaying recipes.
- Include a footer section at the bottom of the page.

### 2. Recipe Data Retrieval:

- Fetch recipe data from the following API endpoint:  
<https://dummyjson.com/docs/recipes>
- Use JavaScript to make the API call and process the returned data.

### 3. Display All Recipes:

- For each recipe fetched, display the following information:
  - `id`
  - `name`
  - `cuisine`
  - `ingredients`
- Add a "Creation Date" field for each recipe, and set its value to today's date (e.g., May 27, 2025).

### 4. Filtered Sections:

- **Section 1: High-Rated, Easy Recipes**
  - Create a dedicated section on the page.
  - Within this section, display only recipes that meet both of the following criteria:
    - `rating` is greater than `4.6`
    - `difficulty` is "easy"
  - For these recipes, display the same information as for all recipes (id, name, cuisine, ingredients, creation date).
- **Section 2: No Olive Oil Recipes**
  - Create another dedicated section on the page.
  - Within this section, display only recipes where the `ingredients` list does *not* include "olive oil" (case-insensitive).

- For these recipes, display the same information as for all recipes (id, name, cuisine, ingredients, creation date).

**5. Footer:**

- The footer should display the current year (e.g., "Page generated on: 2025").

**Part 2: Single Recipe Page**

**1. Page Structure:**

- Create a separate HTML page dedicated to displaying information for a *single* recipe. This page should be able to receive a recipe ID (e.g., via a URL parameter, though a placeholder will suffice for this exercise).

**2. Recipe Data Retrieval:**

- Assume you have a recipe ID (you can hardcode one for testing, e.g., 1).
- Fetch data for this specific recipe using the appropriate API endpoint (e.g., <https://dummyjson.com/recipes/{id}>).

**3. Display Single Recipe:**

- Display all available information for the selected recipe on this page. This includes all fields returned by the API for a single recipe.