

Challenge: Develop an Angular application that fetches data (e.g movies) from a public API and displays it tabular form.

The application should have three components:

- A component for displaying the table.
- A component for filtering the data by a specific field.
- A component for adding new data to the table.

Requirements:

- The filtering component should communicate with the table component and pass the selected filter value to it. The add-data component should communicate with the table component and add the new data to the table when the user submits it.
- The application should have two routes:
 - a. The default route should display the table component.
 - b. The route "/add" should display the add-data component.

Note: The application should be styled using CSS or a CSS framework of your choice and consume a mock API (e.g [JSON Server](#))