

1. My Activity Tracker in Angular

Create an **Application** with the following elements:

- **Header**
- **Label** – Display ONLY IF there are no activities.
- **Text input box**
- **Button 1** titled Add an Activity– To add an activity.
- **Button 2** titled Clear All– To clear all activities.

Fresco PLAY Activity Tracker

No Activities to track! Start by adding one

- Add a list of activities, where the activities are displayed alongside a checkbox.

Fresco PLAY Activity Tracker

- ☐ 1. Sign Up for PLAY
- ☐ 2. Explore Courses
- ☐ 3. Start a Learning Journey
- ☐ 4. Play. Code. Build. Repeat!
- ☐ 5. Earn Miles
- ☐ 6. Redeem Miles for GEMS

- After an activity is selected, it must be struck out, and the font color must change to **red**.

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- Clicking the **Clear All** button should clear all activities.

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Hints:

- Create a **component** with **selector** as **app-root**.
- Use **templateUrl** that refers **app.component.html**.
- Use **styleUrl** that refers **app.component.css**.
- Define the variables in AppComponent:
 - done** as **boolean**
 - todos** as **any**
 - newToDoas** **string**
 - newToDoObj** as **any**
 - error** as **boolean**
 - TODOS** as **array**
- Define **constructor** with **todos** as **[]**, **newTODO** as **empty**, and **error** as **false**.
- Declare and define functions **addMore()** and **clearAll()** to perform the specified tasks.