1. Create an Angular application with 2 components namely ***DatabaseCmp*** & ***UITools*** as part of the root module of our application and try to bootstrap the entry component using **ngdoBootstrap()** in Angular 7.

   Note: We will decide during runtime which component should be used in the application.

2.
   a. Implement the pipe to reverse the given string.

   b. Create an array of JSON objects, which can hold the training details (ie. TrainingRequestNo, TrainingName, TrainingMode & Duration) as properties to the object and display the array of JSON object in the form of list and sort the contents of the list using TrainingName property.

   c. Create a property within the component and the value of the property should be loaded after 2 seconds using a promise, and print the content of the property in the view using **async** pipes

3. Create a component file **app.component.ts** and declare an array named *aiNumbers*, in which we push or insert the numbers in an array from 0 to 10000. Display the contents of the array either in the form of table or list using **Virtual Scrolling**.

4. Create a component and declare an array of strings in which we push or insert 15 Indian cricket players as a content to it. Display the contents of the array from 0 to n and implement the **Drag and drop** functionality in order to move the position of any item.

5. Create a new Directive in the Angular application to demonstrate an element Highlighter directive which will include color input by a user and mouse events to highlight the background of a div.
   Hint.: Use @HostListener(), @HostBinding() & @Input() decorators

6. Create an application in which we can package Angular components as custom elements, a web standard for defining new HTML elements in a framework-agnostic way.
   Hint.: Use Angular Elements