Angular Basic Exercises - Beginners

1. Add a new component to display a list of events using the html and data. Then load that component from the inline template in the app component (app/app.component.ts).
2. The event details page is displaying information about an event, including the address. Create a child component that will handle displaying the address and pass the event's location in to your new address component from the event-details component.
3. The event details component is displaying information about an event, the labels are in one div and the values are in a separate div, but the two divs are not aligned. Add styles to the component to get the second div to show to the right of the first div.
4. Update the events-list component to display the events that are stored in an array on the component. To do this you will need to:
   1. Use ngFor to repeat the <tr> element in the <tbody> element in the component's template
   2. You will bind to the events array that is already defined on the component.
   3. Add bindings inside the <td> elements to bind to the properties on each event.
5. Some of the events displayed in the events-list component are online only, meaning they have an online url, but do not have a physical location.Use ngIf to show the "Online Only" message only for those events that have an online url but no location. Also, hide the location and onlineUrl elements completely if an event does not have this data.
6. The data for the events-list component is currently hard-coded in the component. Create a service to hold this data and return it from a getEvents() method on the service. To do this you will need
   1. Create the service and register it in the model.
   2. Remove the data from the component and then inject and call the service to get the data.
7. The event-details page in this app is being loaded directly from the app component. Change the app so that the events-list component is loaded via a route. To do this you will need to:
   1. Change the app component to use a router outlet instead of displaying the events-list component directly.
   2. Add a routes file with a route for the events-list component
   3. Load the routes in the app.module
8. "Create New Event form" link on the events list page. Wire up the form using template-based & reactive forms so that the data entered can be saved as a new event. When the save button is pressed, call eventService.save() and pass in the new event to be saved from the data entered on the form. After saving the event, send the user to the events list page. The new event should then be visible on the events list page.