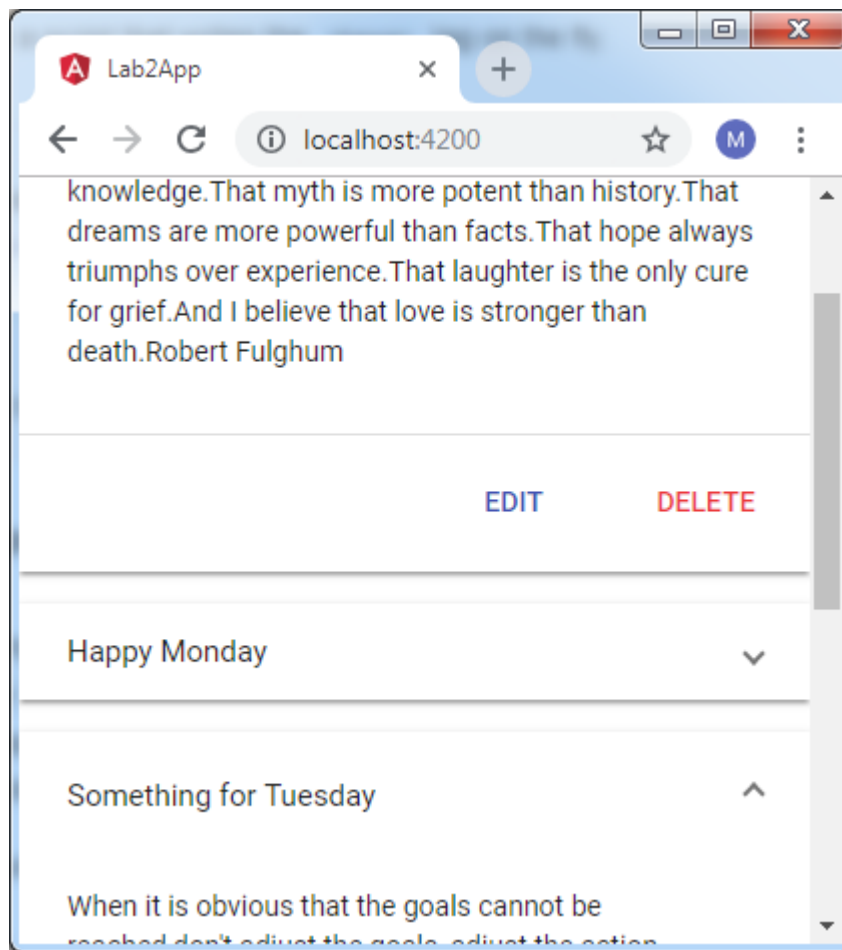


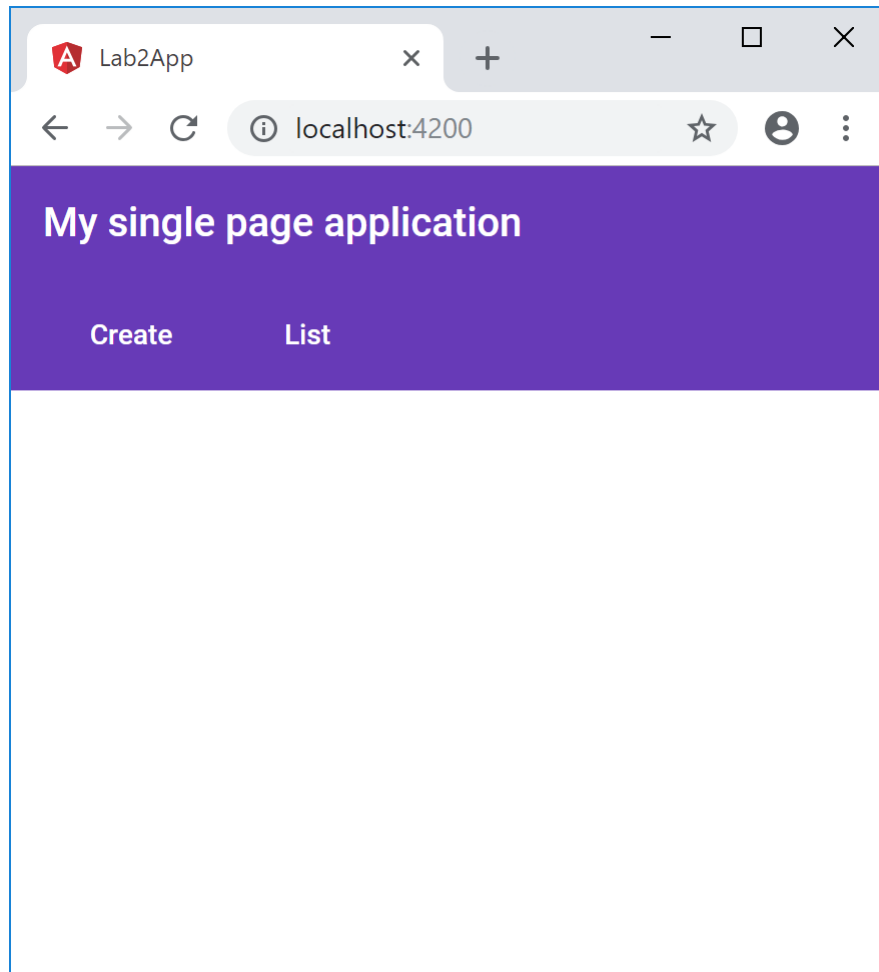
The following exercises are related to the use of Routing in Angular.

1. Create a git repository for your answers to this problem sheet. Push the repository to GitHub. Make a commit and push it to GitHub after each exercise.
2. (a) In last weeks lab we built an Angular application that reads JSON data from the web and display it to screen. The final solution to the lab can be found at https://github.com/MeanApplication/lab1_Angular_http. Clone this application if you did not finish the application last week. To clone an the application
git clone https://github.com/MeanApplication/lab1_Angular_http
if the application does not run you must install angular material

```
npm install --save @angular/material @angular/cdk @angular/animations
```



3. (a) Add two additional components to your application, one called Create for creating a new create post, another called Edit for editing posts.
- (b) Add a toolbar to your application with two buttons for navigation one for displaying the create and the other for the list component. This should be done using Angular 6 routing: <https://angular.io/guide/router>. The home page of your application should display as follows.

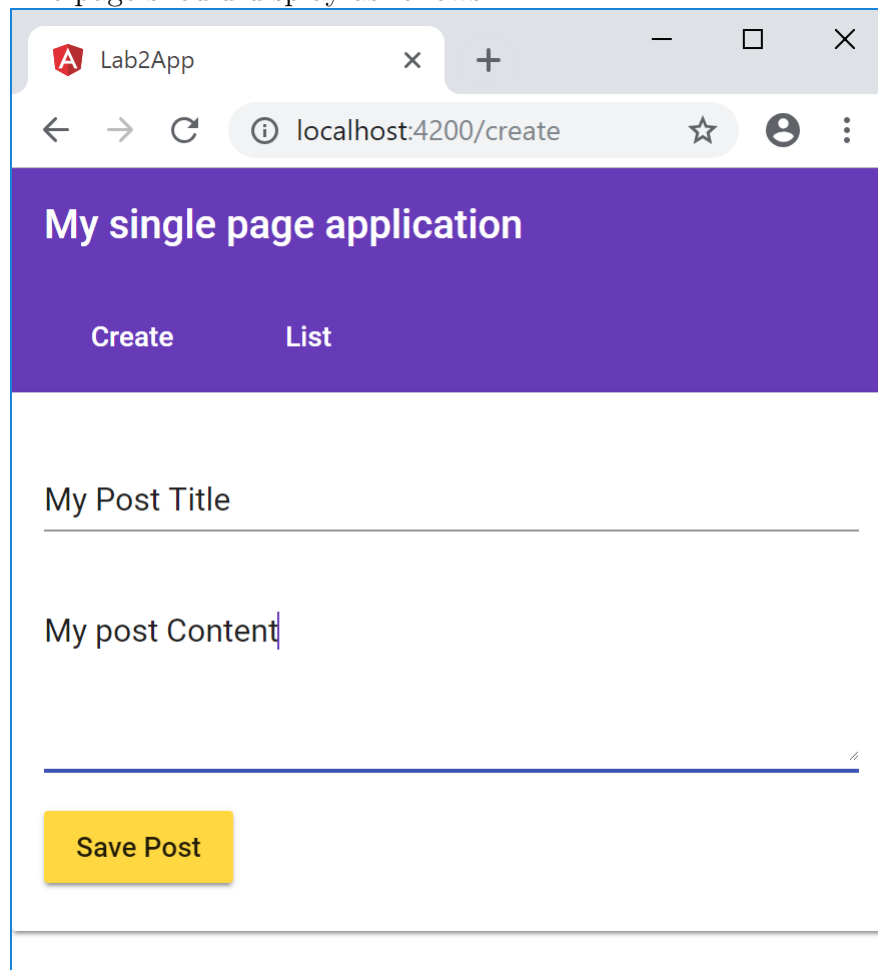


4. (a) Add a the following line to your create component html file:

```
<mat-card>
  <form (submit)="onAddPost(postForm)" #postForm="ngForm">
    <mat-form-field>
      <input
        matInput
        type="text"
        name="title"
        ngModel
        required
        minlength="3"
        #title="ngModel">
      <mat-error *ngIf="title.invalid">Please enter a post title.</mat-error>
    </mat-form-field>
    <mat-form-field>
      <textarea
        matInput
```

```
        rows="4"
        name="content"
        ngModel
        required
        #content="ngModel"></textarea>
        <mat-error *ngIf="content.invalid">Please enter a post title.</mat-error>
    </mat-form-field>
    <button
        mat-raised-button
        color="accent"
        type="submit">Save Post</button>
</form>
</mat-card>
```

The page should display as follows:



5. (a) All post added using the create component should be displayed in the post component as follows

