

# SL LAB ASSIGNMENT: 9

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Create a todo application having following components

1. Todo List Component - Display todo in list format
2. Todo Details Component - Display todo in table format
3. app root (main) component
4. Create a service (TodoService) and share data amongst Todo List & Todo Details Components

## Screenshots:

```
import { Injectable } from '@angular/core';

@Injectable({
  providedIn: 'root'
})
export class TodoService {
  public tododetails = [
    {"Description": "Submit SL Lab assignment", "due_date": "13 Nov 2021", "created": "9 Nov 2021"},
    {"Description": "Haircut", "due_date": "15 Nov 2021", "created": "9 Nov 2021"},
    {"Description": "Book plane tickets", "due_date": "16 Nov 2021", "created": "9 Nov 2021"},
    {"Description": "Go out for stationary shopping", "due_date": "14 Nov 2021", "created": "9 Nov 2021"},
    {"Description": "Book train tickets", "due_date": "14 Dec 2021", "created": "9 Nov 2021"},
  ]

  getTodo(){
    return this.tododetails
  }
  constructor() { }
}
```

## TODO LIST

### Todo details

Description	Due Date	Created
Submit SL Lab assignment	13 Nov 2021	9 Nov 2021
Haircut	15 Nov 2021	9 Nov 2021
Book plane tickets	16 Nov 2021	9 Nov 2021
Go out for stationary shopping	14 Nov 2021	9 Nov 2021
Book train tickets	14 Dec 2021	9 Nov 2021

### Todo List

- Submit SL Lab assignment
- Haircut
- Book plane tickets
- Go out for stationary shopping
- Book train tickets

```
1 import { Injectable } from '@angular/core';
2
3 @Injectable({
4   providedIn: 'root'
5 })
6 export class TodoService {
7   public tododetails = [
8     {"Description": "Submit SL Lab assignment", "due_date": "13 Nov 2021", "created": "9 Nov 2021"},
9     {"Description": "Haircut", "due_date": "15 Nov 2021", "created": "9 Nov 2021"},
10    {"Description": "Go out for grocery shopping", "due_date": "16 Nov 2021", "created": "9 Nov 2021"},
11    {"Description": "Go out for stationary shopping", "due_date": "14 Nov 2021", "created": "9 Nov 2021"},
12    {"Description": "Book train tickets", "due_date": "14 Dec 2021", "created": "9 Nov 2021"},
13  ]
14
15  getTodo(){
16    return this.tododetails
17  }
18  constructor() { }
19
20 }
```

# TODO LIST

## Todo details

Description	Due Date	Created
Submit SL Lab assignment	13 Nov 2021	9 Nov 2021
Haircut	15 Nov 2021	9 Nov 2021
Go out for grocery shopping	16 Nov 2021	9 Nov 2021
Go out for stationary shopping	14 Nov 2021	9 Nov 2021
Book train tickets	14 Dec 2021	9 Nov 2021

## Todo List

- Submit SL Lab assignment
- Haircut
- Go out for grocery shopping
- Go out for stationary shopping
- Book train tickets

```
1 <h3>Todo details</h3>
2 <table border="2px">
3   <tr>
4     <td>Description</td>
5     <td>Due Date</td>
6     <td>Created</td>
7   </tr>
8   <tr *ngFor="let item of tododetails">
9     <td>{{item.Description}}</td>
10    <td>{{item.due_date}}</td>
11    <td>{{item.created}}</td>
12  </tr>
13 </table>
14
15
```

```
1 <h3>Todo List</h3>
2
3 <ul>
4   <li *ngFor="let item of tododetails">{{item.Description}}</li>
5 </ul>
6
```

```
1 import { NgModule } from '@angular/core';
2 import { BrowserModule } from '@angular/platform-browser';
3
4 import { AppRoutingModule } from './app-routing.module';
5 import { AppComponent } from './app.component';
6 import { TodoDetailsComponent } from './todo-details/todo-details.component';
7 import { TodoListComponent } from './todo-list/todo-list.component';
8 import { TodoService } from './todo.service';
9
10 @NgModule({
11   declarations: [
12     AppComponent,
13     TodoDetailsComponent,
14     TodoListComponent
15   ],
16   imports: [
17     BrowserModule,
18     AppRoutingModule
19   ],
20   providers: [TodoService],
21   bootstrap: [AppComponent]
22 })
23 export class AppModule { }
24
```

```
1
2 <h1>TODO LIST</h1>
3
4 <app-todo-details></app-todo-details>
5
6 <app-todo-list></app-todo-list>
7
8
```