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Branch: CBA Batch: 41. Sem : 4

Subject: FET

Practical - 12 (To-Do List)

GITHUB LINK:

**https://github.com/Shivam3783/FET-PRACTICALS/tree/main/PRAC12**

Objective: To understand the framework of Angular, implement one-way, two-way bindings and structural directives (ngFor, ngIf and ngSwitch), wherever applicable.

Exercise:

Develop an Angular application that will manage a to-do list. The user should be able to see the list of to-do items, check off items that are complete, create new to-do items and delete any to-do item.
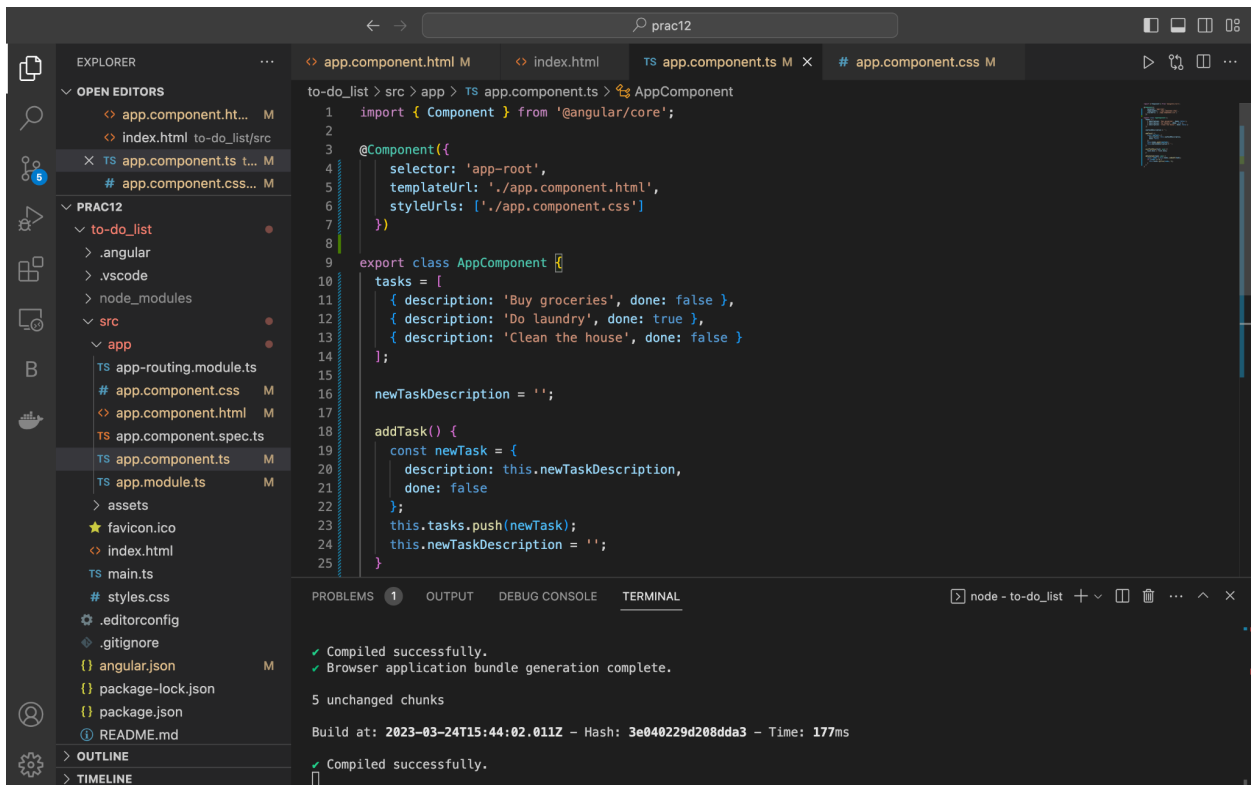
Note: Screenshots shown below are just for your reference, you can design the application on your own.
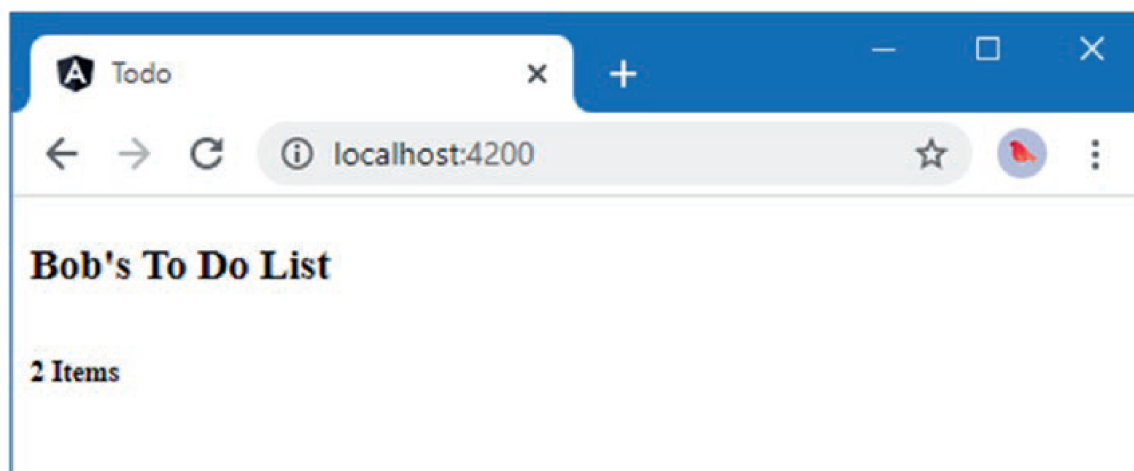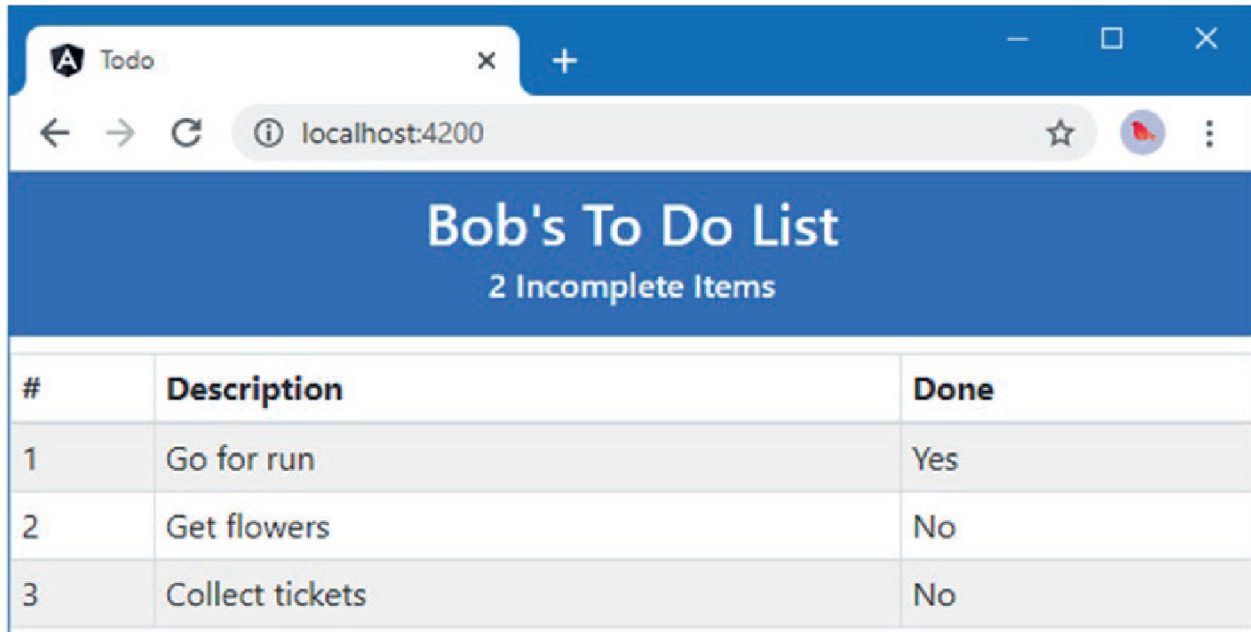
1. You may insert a checkbox for the Done status, or strikethrough the task description if it is done.
2. Insert buttons to create a new task, to delete a task and so on.

CODE:


```
to-do_list > src > app > TS app.component.ts > AppComponent
1    import { Component } from '@angular/core';
2
3    @Component({
4        selector: 'app-root',
5        templateUrl: './app.component.html',
6        styleUrls: ['./app.component.css']
7    })
8
9    export class AppComponent {
10       tasks = [
11           { description: 'Buy groceries', done: false },
12           { description: 'Do laundry', done: true },
13           { description: 'Clean the house', done: false }
14       ];
15
16       newTaskDescription = '';
17
18       addTask() {
19           const newTask = {
20               description: this.newTaskDescription,
21               done: false
22           };
23           this.tasks.push(newTask);
24           this.newTaskDescription = '';
25       }
```

OUTPUT:

My To-Do List

Prac 7

Add

My To-Do List

New Task

Add

☐ Prac 7   Delete

localhost:60284

My To-Do List

New Task

Add

☑ ~~Prac 7~~   Delete

localhost:60284

My To-Do List

New Task

Add

☑ ~~Prac 7~~   Delete

☑ ~~Prac8~~   Delete

☐ prac 9   Delete

☐ Prac8   Delete

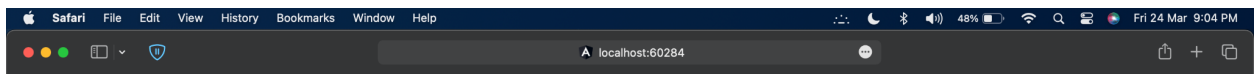☐ Prac9   Delete