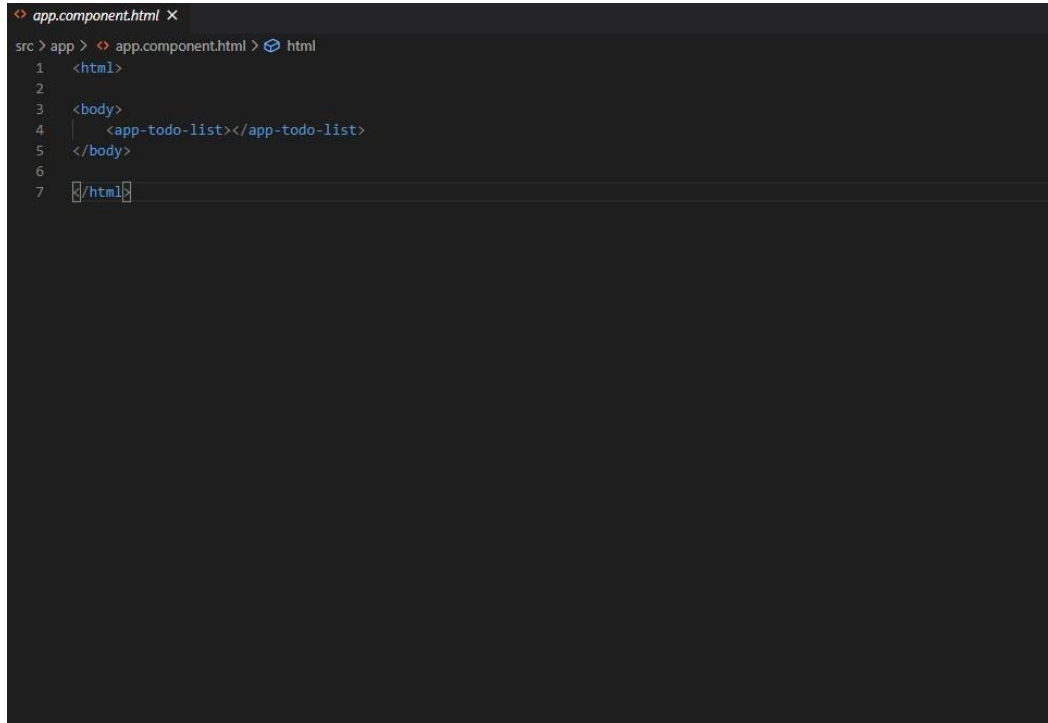


Scripting Language

App.component.html



```
app.component.html x
src > app > app.component.html > html
1  <html>
2
3  <body>
4    <app-todo-list></app-todo-list>
5  </body>
6
7  </html>
```

App.component.ts

```
TS app.component.ts X
src > app > TS app.component.ts > ...
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  export class AppComponent {
9    title = 'todo-apk';
10 }
11
```

Todo.ts

```
TS todos.ts X
src > app > TS todos.ts > ••• Todo
1  export interface Todo{
2    id : number;
3    date : string;
4    title : string;
5    description : string;
6  }
```

Predef-todo.ts

```
TS predef-todo.ts X
src > app > TS predef-todo.ts > ...
1  import {Todo} from './todo';
2  export const Todos: Todo[] = [
3  { id : 1, date : '15/10/2020', title : 'MA-1502', description : 'To Attend Maths Class (MA-1502)' },
4  { id : 2, date : '15/10/2020', title : 'CS-1509', description : 'To Attend Software Engineering Class (CS-1509)' },
5  { id : 3, date : '15/10/2020', title : 'EL-II', description : 'To Attend Elective Class (EL-II)' },
6  { id : 4, date : '15/10/2020', title : 'CS-1561', description : 'To Attend OS Lab (CS-1561)' }
7  ];
8
```

Todo-details.component.html

```
todo-details.component.html X
src > app > todo-details > todo-details.component.html > div.div1
1  <div class="div1">
2    <h1><u>Todo Details:-</u></h1>
3
4    <div *ngIf="todo" class="div2">
5
6      <h2>{{todo.title}} Details:-</h2>
7      <div class="div3">
8        <span>ID: </span> {{todo.id}}
9      </div>
10     <div class="div4">
11       <label class="lbl">Date:
12         <input [(ngModel)]="todo.date" placeholder="Date"/>
13       </label>
14
15       <label class="lbl">Title:
16         <input [(ngModel)]="todo.title" placeholder="Title"/>
17       </label>
18
19       <label class="lbl">Description:
20         <input [(ngModel)]="todo.description" placeholder="Description"/>
21       </label>
22     </div>
23   </div>
24 </div>
25
26 </div>
```

Todo-details.component.ts

```
TS todo-details.component.ts X
src > app > todo-details > TS todo-details.component.ts > ...
1  import { Component, OnInit, Input } from '@angular/core';
2  import { Todo } from '../todo';
3
4  @Component({
5    selector: 'app-todo-details',
6    templateUrl: './todo-details.component.html',
7    styleUrls: ['./todo-details.component.css']
8  })
9  export class TodoDetailsComponent implements OnInit {
10
11    @Input() todo: Todo;
12
13
14
15    constructor() { }
16
17    ngOnInit(): void {
18    }
19
20  }
21
```

Todo-list.component.html

```
todo-list.component.html X
src > app > todo-list > todo-list.component.html > app-todo-details
1 <div class="div1">
2   <h1><u>Todo List:</u></h1>
3   <div class="div2" *ngFor="let todo of todos" (click)="onselect(todo)">
4     <button class="btn">{{todo.title}}</button>
5   </div>
6 </div>
7 <app-todo-details [todo]="selectedtodo"></app-todo-details>
```

Todo-list.component.ts

```
todo-list.component.html TS todo-list.component.ts X
src > app > todo-list > TS todo-list.component.ts > ...
1 import { Component, OnInit } from '@angular/core';
2 import { Todos } from '../predef-todo';
3 import { Todo } from '../todo';
4
5 @Component({
6   selector: 'app-todo-list',
7   templateUrl: './todo-list.component.html',
8   styleUrls: ['./todo-list.component.css']
9 })
10 export class TodoListComponent implements OnInit {
11
12   todos = Todos;
13
14   selectedtodo: Todo;
15   onselect(todo: Todo): void {
16     this.selectedtodo = todo;
17   }
18
19   constructor() { }
20
21   ngOnInit(): void {
22   }
23
24 }
25
```

Screenshot

Todo List:-

- MA-1502
- CS-1509
- EL-II
- CS-1561

Todo Details:-

EL-II Details:-

ID: 3