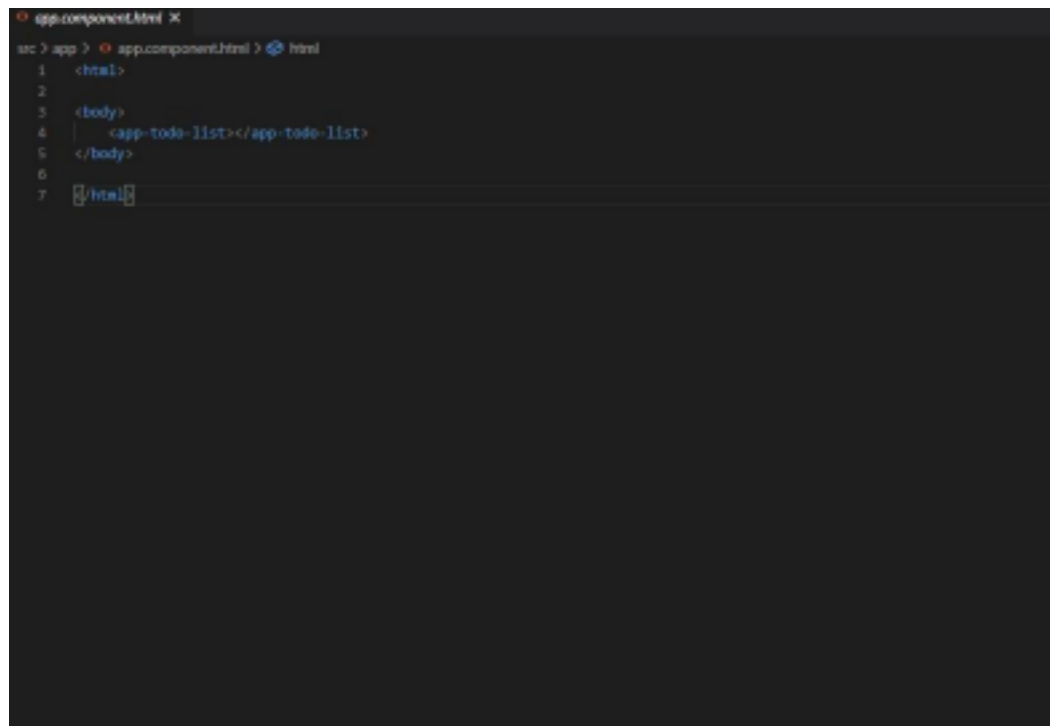


Scripting Language 9

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App.component.html

A screenshot of a code editor window titled 'app.component.html'. The editor shows the following HTML structure:

```
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-app';
10 }
11
```

Todo.ts

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

Predef-todo.ts

```

src > app > ts predef-todos > ...
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-1501', description : 'To Attend OS Lab (CS-1501)' }
7  ];
8

```

Todo-details.component.html

```

src > app > todo-details > todo-details.component.html > div/div1
1  <div class="div1">
2    <h2><u>Todo Details:</u></h2>
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

```

18 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

```

18 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

```
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