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Angular app

Source code:

app.module.ts

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';
import { FormsModule } from '@angular/forms';
import { AppComponent } from './app.component';
import { MODULENAMEComponent } from './TODOS/module-name.component';

@NgModule({
  declarations: [
    AppComponent,
    MODULENAMEComponent
  ],
  imports: [
    BrowserModule,
    FormsModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

app.component.ts

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

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'todoapp';
}
```

app.component.html

```
<div clas="app">
  <header>
```

```
<h1>Todo List</h1>
</header>
<app-module-name></app-module-name>
</div>
```

module-name.component.ts

```
import { Component, OnInit } from '@angular/core';
import { Todo } from '../models/Todo';
@Component({
  selector: 'app-module-name',
  templateUrl: './module-name.component.html',
  styleUrls: ['./module-name.component.css']
})
export class MODULENAMEComponent implements OnInit {

  todo: Todo[] = [];
  inputtodo: string = ""

  constructor() {}

  ngOnInit(): void {
    this.todo = [
      {
        content: 'First todo',
        completed: false
      },
      {
        content: 'Second todo',
        completed: true
      }
    ]
  }

  toggleDone (id: number) {
    this.todo.map((v, i) => {
      if (i == id) v.completed = !v.completed;

      return v;
    })
  }

  deleteTodo (id: number) {
    this.todo = this.todo.filter((v, i) => i !== id);
  }
}
```

```

    addTodo(){
      this.todo.push({
        content: this.inputtodo,
        completed: false
      });
    }
  }
}

```

module-name.component.html:

```

<div class="todos">
  <form (submit)="addTodo()">
    <input
      type="text"
      name="inputtodo"
      placeholder="enter todo..."
      class="todo-input"
      [(ngModel)]="inputtodo"
    />
    <input type="submit" value="Add Todo" class="todo-submit"/>
  </form>
  <div *ngFor="let todo of todo; let i= index;" class="todo {{ (todo.
    completed ? 'done': '') }}">
    <div class="id">{{ i }}</div>
    <div class="content"
      (click)="toggleDone(i)">{{todo.content}}</div>
    <button class="delete" (click)="deleteTodo(i)">Remove</button>
  </div>
</div>

```

module-name.component.css:

```

.todo {
  display: flex;
  padding: 10px 15px;
  background-color: #8ddecb;
  border-bottom: 1px solid #2b1515;
}

.todo:nth-child(even) {
  background-color: #EEE;
}

```

```
}

.todo:last-of-type {
  border-bottom: 0;
}

.todo .id {
  flex: 1 1 50px;
}

.todo .content {
  flex: 1 1 100%;
}

.todo.done .content {
  text-decoration: line-through;
}

.todo-input {
  display: block;
  width: 100%;
  padding: 10px 15px;
  appearance: none;
  border: none;
  background-color: #F3F3F3;
  margin-top: 15px;
  font-size: 20px;
  font-family: 'Times New Roman', Times, serif;
  outline: none;
  background-color: azure;
}

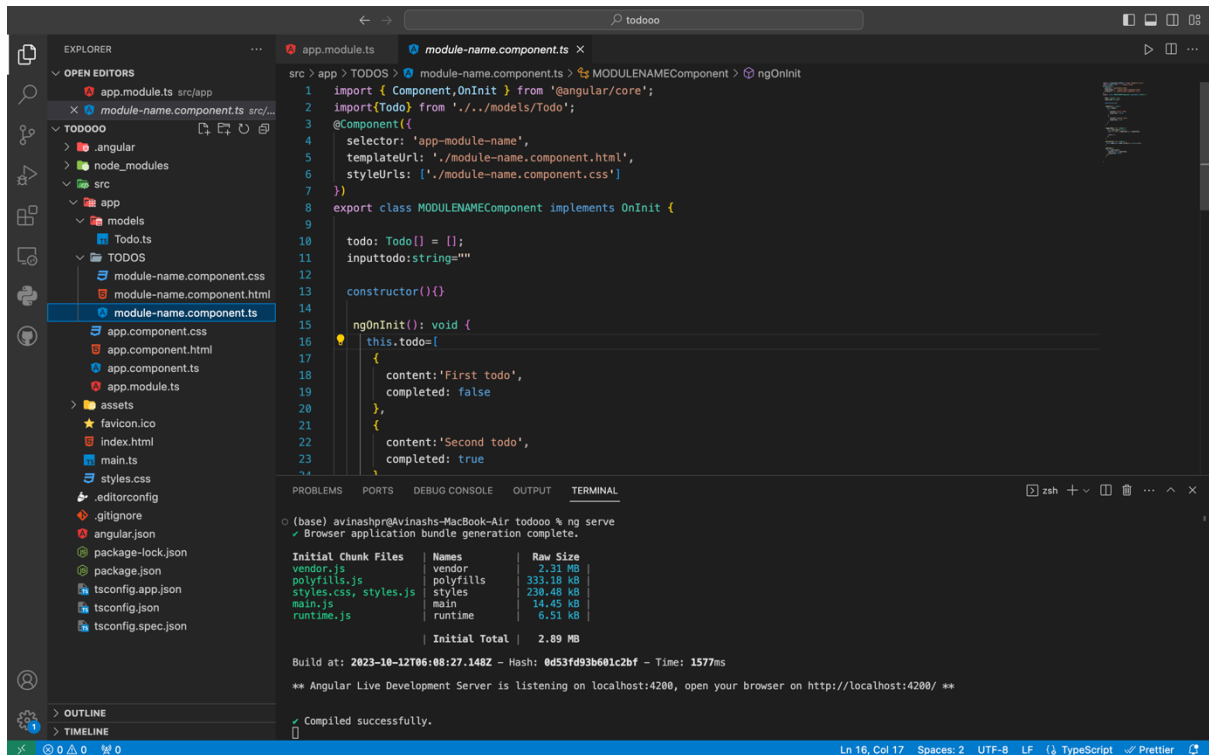
.todo-submit {
  display: block;
  width: 100%;
  max-width: 200px;
  appearance: none;
  border: none;
  outline: none;
  background: none;

  background-color: #FE4880;
  color: #FFF;
  margin: 15px auto;

  padding: 10px 15px;
```

```
font-size: 18px;
font-weight: 700;
}
```

Output in Vs code terminal:



The screenshot shows the VS Code editor with a project named 'todooo'. The Explorer sidebar on the left shows the file structure, including 'src/app', 'src/models', and 'src/todooo'. The 'module-name.component.ts' file is open in the editor. The code in this file defines an Angular component named 'MODULENAMEComponent' that implements 'OnInit'. It has a selector 'app-module-name', a templateUrl, and styleUrls. The component has a 'todo' array, an 'inputtodo' string, and an 'ngOnInit()' method that initializes the 'todo' array with two items.

```
src > app > TODOS > module-name.component.ts > MODULENAMEComponent > ngOnInit
1 import { Component, OnInit } from '@angular/core';
2 import {Todo} from '../models/Todo';
3 @Component({
4   selector: 'app-module-name',
5   templateUrl: './module-name.component.html',
6   styleUrls: ['./module-name.component.css']
7 })
8 export class MODULENAMEComponent implements OnInit {
9
10  todo: Todo[] = [];
11  inputtodo:string=""
12
13  constructor(){}
14
15  ngOnInit(): void {
16    this.todo=[
17      {
18        content:'First todo',
19        completed: false
20      },
21      {
22        content:'Second todo',
23        completed: true
24      }
25    ]
26  }
27 }
```

The terminal at the bottom shows the output of the 'ng serve' command. It indicates that the browser application bundle generation is complete and provides a table of initial chunk files.

Initial Chunk Files	Names	Raw Size
vendor.js	vendor	2.31 MB
polyfills.js	polyfills	333.18 kB
styles.css, styles.js	styles	230.46 kB
main.js	main	14.45 kB
runtime.js	runtime	6.51 kB
Initial Total		2.89 MB

Build at: 2023-10-12T06:08:27.148Z - Hash: 0d53fd93b601c2bf - Time: 1577ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
Compiled successfully.

Output in localhost:4200

