Sri Harshini Jilloju - N01649103
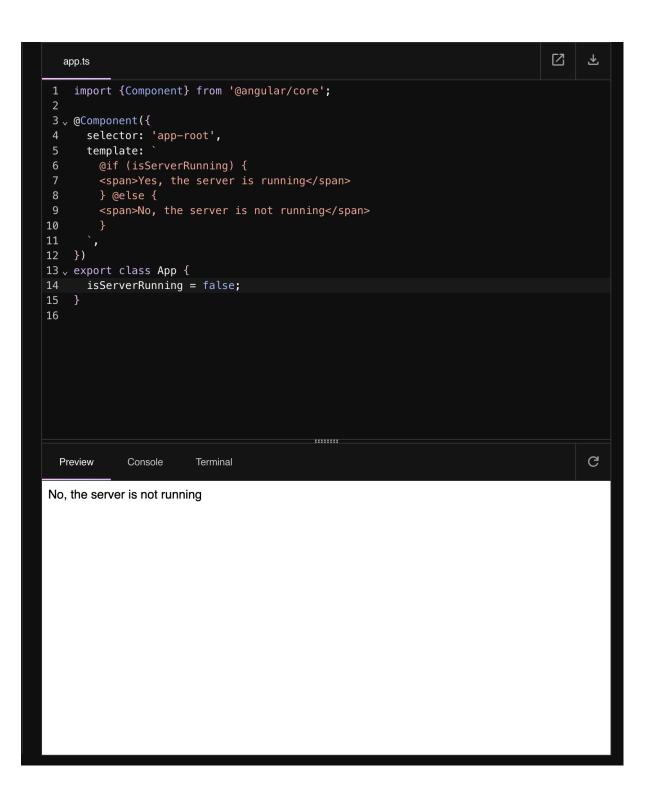**Lab-6**

```
app.ts

1   import {Component} from '@angular/core';
2
3   @Component({
4     selector: 'app-root',
5     template: `
6       Hello Universe
7     `,
8     styles: `
9       :host {
10        color:  #a144eb;
11      }
12    `,
13  })
14  export class App {}
15
```

Preview   Console   Terminal

Hello Universe

app.ts

```typescript
1   import {Component} from '@angular/core';
2
3   @Component({
4     selector: 'app-root',
5     template: `
6       Hello {{ city }}, {{ 1 + 1 }}
7     `,
8   })
9   export class App {
10    city = 'San Francisco';
11  }
12
```

Preview   Console   Terminal

Hello San Francisco, 2

```ts
app.ts

1   import {Component} from '@angular/core';
2
3   @Component({
4     selector: 'app-user',
5     template: `
6       Username: {{ username }}
7     `,
8   })
9   export class User {
10    username = 'youngTech';
11  }
12
13  @Component({
14    selector: 'app-root',
15    template: `
16      <section>
17        <app-user />
18      </section>
19    `,
20    imports: [User],
21  })
22  export class App {}
23
```

Preview   Console   Terminal

app.ts

```typescript
 1  import {Component} from '@angular/core';
 2
 3  @Component({
 4    selector: 'app-root',
 5    template: `
 6      @if (isServerRunning) {
 7      <span>Yes, the server is running</span>
 8      } @else {
 9      <span>No, the server is not running</span>
10      }
11    `,
12  })
13  export class App {
14    isServerRunning = false;
15  }
16
```

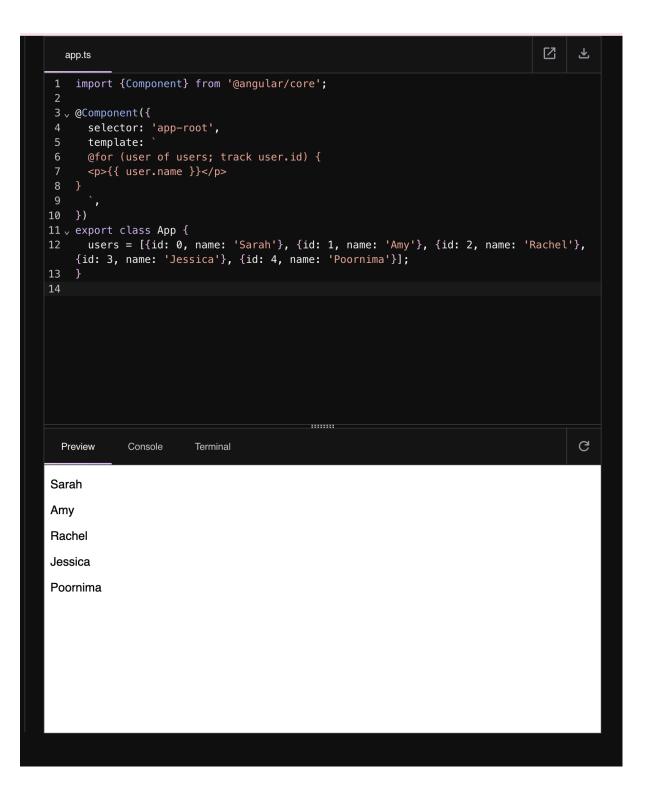Preview   Console   Terminal

No, the server is not running

```
app.ts

1   import {Component} from '@angular/core';
2
3 ∨ @Component({
4     selector: 'app-root',
5     template: `
6       @if (isServerRunning) {
7       <span>Yes, the server is running</span>
8       } @else {
9       <span>No, the server is not running</span>
10      }
11    `,
12  })
13 ∨ export class App {
14    isServerRunning = true;
15  }
16
```

Preview   Console   Terminal

Yes, the server is running

app.ts

```typescript
1   import {Component} from '@angular/core';
2
3   @Component({
4     selector: 'app-root',
5     template: `
6     @for (os of operatingSystems; track os.id) {
7         {{ os.name }}
8     }`,
9   })
10  export class App {
11      operatingSystems = [{id: 'win', name: 'Windows'}, {id: 'osx', name: 'MacOS'},
    {id: 'linux', name: 'Linux'}];
12  }
13  |
```

Preview   Console   Terminal

Windows MacOS Linux

app.ts

```typescript
1  import {Component} from '@angular/core';
2
3  @Component({
4    selector: 'app-root',
5    template: `
6    @for (user of users; track user.id) {
7    <p>{{ user.name }}</p>
8  }
9    `,
10  })
11  export class App {
12    users = [{id: 0, name: 'Sarah'}, {id: 1, name: 'Amy'}, {id: 2, name: 'Rachel'},
    {id: 3, name: 'Jessica'}, {id: 4, name: 'Poornima'}];
13  }
14
```

Preview   Console   Terminal

Sarah

Amy

Rachel

Jessica

Poornima

```
1   import {Component} from '@angular/core';
2
3   @Component({
4       selector: 'app-root',
5       styleUrls: ['app.css'],
6       template: `
7         <div [contentEditable]="isEditable"></div>
8       `,
9   })
10  export class App {
11      isEditable = false;
12  }
13
```

Preview   Console   Terminal

```
app.ts

1    import {Component} from '@angular/core';
2
3  ∨ @Component({
4      selector: 'app-root',
5      styleUrls: ['app.css'],
6      template: `
7        <div [contentEditable]="isEditable"></div>
8      `,
9    })
10 ∨ export class App {
11     isEditable = true;
12   }
13
```

Preview   Console   Terminal

Sri Harshini

app.ts

```typescript
1   import {Component} from '@angular/core';
2
3   @Component({
4     selector: 'app-root',
5     template: `
6       <section (mouseover)="onMouseOver()">
7         There's a secret message for you, hover to reveal 👀
8         {{ message }}
9       </section>
10    `,
11  })
12  export class App {
13    message = '';
14
15    onMouseOver() {
16      this.message = 'Way to go 🚀';
17    }
18  }
19
```

Preview   Console   Terminal

There's a secret message for you, hover to reveal 👀 Way to go 🚀

```
1    import {Component} from '@angular/core';
2    import {User} from './user';
3
4 ∨  @Component({
5      selector: 'app-root',
6      template: `
7        <app-user name="Sri Harshini" />
8      `,
9      imports: [User],
10   })
11   export class App {}
12
```

Preview   Console   Terminal

The user's name is Sri Harshini

```
1   import {Component} from '@angular/core';
2   import {Child} from './child';
3
4   @Component({
5     selector: 'app-root',
6     template: `
7      <app-child (addItemEvent)="addItem($event)" />
8       <p>🐢 all the way down {{ items.length }}</p>
9     `,
10    imports: [Child],
11  })
12  export class App {
13    items = new Array();
14
15    addItem(item: string) {
16      this.items.push(item);
17    }
18  }
19
```

Preview   Console   Terminal

Add Item

🐢 all the way down 2