

Q1)

App.js-

```
import React from "react";
```

```
function App() {
```

```
  const fruits = ["Apple", "Banana", "Cherry", "Mango", "Orange"];
```

```
  return (
```

```
    <div style={{ textAlign: "center", marginTop: "50px" }}>
```

```
      <h2>Fruit List</h2>
```

```
      <ul style={{ listStyle: "none", padding: 0 }}>
```

```
        {fruits.map((fruit, index) => (
```

```
          <li key={index} style={{ margin: "8px", fontSize: "18px" }}>
```

```
            {fruit}
```

```
          </li>
```

```
        )))
```

```
      </ul>
```

```
    </div>
```

```
  );
```

```
}
```

```
export default App;
```

Q2)

App.ts-

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

```
import { CommonModule } from '@angular/common';
```

```
@Component({
```

```
  selector: 'app-root',
```

```
  standalone: true,
```

```
  imports: [CommonModule],
```

```
  templateUrl: './app.html',
```

```
  styleUrls: ['./app.css']
```

```
})
```

```
export class AppComponent {
```

```
  quotes = [
```

```
    { text: 'The best way to get started is to quit talking and begin doing.', author: 'Walt Disney' },
```

```
    { text: 'Success is not in what you have, but who you are.', author: 'Bo Bennett' },
```

```
    { text: 'Don't let yesterday take up too much of today.', author: 'Will Rogers' },
```

```
    { text: 'The harder you work for something, the greater you'll feel when you achieve it.', author: 'Unknown' },
```

```
    { text: 'Dream bigger. Do bigger.', author: 'Anonymous' } 
```

```
  ];
```

```
  currentQuote = this.quotes[0];
```

```
generateQuote() {  
  const randomIndex = Math.floor(Math.random() * this.quotes.length);  
  this.currentQuote = this.quotes[randomIndex];  
}  
}
```

App.html-

```
<div class="container">  
  <h1>Quote Generator</h1>  
  <div class="quote-box">  
    <p class="quote">{{ currentQuote.text }}</p>  
    <p class="author">- {{ currentQuote.author }}</p>  
  </div>  
  <button (click)="generateQuote()">New Quote</button>  
</div>
```