

Q1)

App.js-

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

```
function App() {
```

```
  const date = new Date();
```

```
  const hour = date.getHours();
```

```
  let greeting = "";
```

```
  if (hour < 12) {
```

```
    greeting = "Good Morning!";
```

```
  } else if (hour < 18) {
```

```
    greeting = "Good Afternoon!";
```

```
  } else {
```

```
    greeting = "Good Evening!";
```

```
  }
```

```
  return (
```

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

```
      <h1>{greeting}</h1>
```

```
    </div>
```

```
  );
```

```
}
```

```
export default App;
```

Q2)

ng new product-list-app

cd product-list-app

ng serve

App.ts-

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

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

```
import { ProductComponent } from './product/product';
```

```
@Component({
```

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

```
  standalone: true,
```

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

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

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

```
})
```

```
export class AppComponent {
```

```
  products = [
```

```
    { name: 'Laptop', price: '$800', image: 'https://via.placeholder.com/150' },
```

```
    { name: 'Headphones', price: '$120', image: 'https://via.placeholder.com/150' },
```

```
    { name: 'Smartphone', price: '$600', image: 'https://via.placeholder.com/150' },
```

```
];  
}
```

**App.html-**

```
<h1 style="text-align:center;">Product List</h1>  
<div style="display:flex; justify-content:center; gap:20px;">  
<app-product *ngFor="let p of products" [product]="p"></app-product>  
</div>
```

**Product.ts-**

```
import { Component, Input } from '@angular/core';  
import { CommonModule } from '@angular/common';
```

```
@Component({  
  selector: 'app-product',  
  standalone: true,  
  imports: [CommonModule],  
  templateUrl: './product.html',  
  styleUrls: ['./product.css']  
})
```

```
}}
```

```
export class ProductComponent {
```

```
  @Input() product: any;
```

```
}
```

Product.html-

```
<div style="border:1px solid #ccc; padding:10px; border-radius:10px;
width:150px; text-align:center;">
```

```
<img [src]="product.image" [alt]="product.name" style="width:100%;
border-radius:8px;">
```

```
<h3>{{ product.name }}</h3>
```

```
<p>{{ product.price }}</p>
```

```
</div>
```