

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>
```