Q1)

App.js-

```
import React, { useState } from 'react';

function App() {
  const [name, setName] = useState('');

  return (
    <div style={{ textAlign: 'center', marginTop: '50px' }}>
      <h2>Enter your name:</h2>
      <input
        type="text"
        value={name}
        onChange={(e) => setName(e.target.value)}
        placeholder="Type your name"
        style={{ padding: '8px', fontSize: '16px' }}
      />
      <h3>Your name is: {name}</h3>
    </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 {

images = [

'https://picsum.photos/id/1015/300/200',

'https://picsum.photos/id/1016/300/200',

'https://picsum.photos/id/1018/300/200',

'https://picsum.photos/id/1020/300/200',

'https://picsum.photos/id/1024/300/200'

];


selectedImage: string | null = null;


enlarge(image: string) {
```

```
    this.selectedImage = image.replace('/300/200', '/800/600'); // load larger
image

  }


  close() {

    this.selectedImage = null;

  }
}
```

App.html-

```html
<h2 style="text-align:center;"> Image Gallery</h2>


<div class="gallery">

<img *ngFor="let img of images" [src]="img" (click)="enlarge(img)"
alt="Gallery image" />

</div>


<div class="overlay" *ngIf="selectedImage" (click)="close()">

<img [src]="selectedImage" class="large" alt="Enlarged" />

</div>
```

```css
App.css-

.gallery img:hover {

transform: scale();

}


.overlay {

position: fixed;

top: 0;

left: 0;

width: 100%;

height: 100%;

background: rgba(0,0,0,0.8);

display: flex;

justify-content: center;

align-items: center;

}


.large {

max-width: 50%;

max-height: 100%;

border-radius: 15px;

}
```