Q1)

App.js-

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

function App() {
  const emojis = ["😜", "😂", "😍", "🤩", "😎", "🎉", "😇", "😛", "🥺",
"🥱"];
  const [emoji, setEmoji] = useState("😜");

  const changeEmoji = () => {
    const random = Math.floor(Math.random() * emojis.length);
    setEmoji(emojis[random]);
  };

  return (
    <div style={{ textAlign: "center", marginTop: "50px" }}>
      <h1 style={{ fontSize: "80px" }}>{emoji}</h1>
      <button onClick={changeEmoji}>Show Random Emoji</button>
    </div>
  );
}

export default App;
```

Q2)

App.ts-

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

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

import { FormsModule } from '@angular/forms';


@Component({

selector: 'app-root',

standalone: true,

imports: [CommonModule, FormsModule],

templateUrl: './app.html',

styleUrls: ['./app.css']

})
export class AppComponent {

rating = 0;

comment = '';


setRating(star: number) {

this.rating = star;

}


submit() {

alert(`Rating: ${this.rating}\nComment: ${this.comment}`);
```

```
    }
}
```

App.html-

```html
<h2>Feedback Form</h2>

<div>
<label>Rate Us:</label><br>
<span *ngFor="let s of [1,2,3,4,5]">
<span (click)="setRating(s)" style="font-size:25px; cursor:pointer;">
{{ s <= rating ? '★' : '☆' }}
</span>
</span>
</div>

<br>

<div>
<label>Comments:</label><br>
<textarea [(ngModel)]="comment" rows="3" cols="30"></textarea>
</div>
```

```html
<br>

<button (click)="submit()">Submit</button>
```