

Q1)

App.js-

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

```
function App() {
```

```
  const [selectedAnimal, setSelectedAnimal] = useState("");
```

```
  const animals = ["Dog", "Cat", "Elephant", "Lion", "Tiger"];
```

```
  return (
```

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

```
      <h2>Select an Animal</h2>
```

```
      <select
```

```
        onChange={(e) => setSelectedAnimal(e.target.value)}
```

```
        value={selectedAnimal}
```

```
      >
```

```
        <option value="">-- Choose an Animal --</option>
```

```
        {animals.map((animal, index) => (
```

```
          <option key={index} value={animal}>
```

```
            {animal}
```

```
          </option>
```

```
        )])}
```

```
      </select>
```

```
      {selectedAnimal && (
```

```
<h3 style={{ marginTop: "20px" }}>
```

```
You selected: {selectedAnimal}
```

```
</h3>
```

```
}}
```

```
</div>
```

```
);
```

```
}
```

```
export default App;
```

Q2)

App.ts-

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

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

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

```
@Component({
```

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

```
  standalone: true,
```

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

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

```
styleUrls: ['./app.css']
})
export class AppComponent {
  selectedColor: string = '#ff0000';
}
```

**App.html-**

```
<div class="container">
  <h2> Color Picker App</h2>

  <input type="color" [(ngModel)]="selectedColor" />

  <div class="color-box" [style.background]="selectedColor">
    <br>
    <p> Hello </p>
  </div>
</div>
```