

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>
```