Web Programming Assignment – 14

Q1.

(a)

(b)

```
export default App;
```

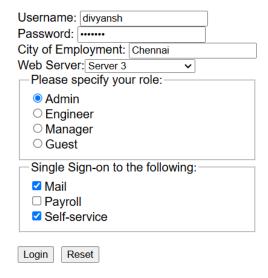
Q2

```
import React, { useState } from "react";
const App = () => {
 const [formData, setFormData] = useState({
    username: "",
    password: "",
    city: "",
    server: "",
   role: "",
    signOn: [],
  });
  const handleChange = (e) => {
    const { name, value, type, checked } = e.target;
   if (type === "checkbox") {
      setFormData((prevData) => ({
        ...prevData,
        signOn: checked
          ? [...prevData.signOn, value]
          : prevData.signOn.filter((item) => item !== value),
     }));
    } else {
      setFormData((prevData) => ({ ...prevData, [name]: value }));
  };
  const handleSubmit = (e) => {
   e.preventDefault();
    alert(JSON.stringify(formData, null, 2));
  };
  const handleReset = () => {
    setFormData({
     username: "",
      password: "",
     city: "",
      server: "",
      role: "",
      signOn: [],
    });
```

```
return (
    <div style={{ textAlign: "center", marginTop: "20px", fontFamily: "Arial"</pre>
}}>
      <h2>Novell Services Login</h2>
      <form onSubmit={handleSubmit} style={{ display: "inline-block",</pre>
textAlign: "left" }}>
        <label>
          Username: <input type="text" name="username"</pre>
value={formData.username} onChange={handleChange} />
        </label>
        <label>
          Password: <input type="password" name="password"
value={formData.password} onChange={handleChange} />
        </label>
        <label>
          City of Employment: <input type="text" name="city"</pre>
value={formData.city} onChange={handleChange} />
        </label>
        <label>
          Web Server:
          <select name="server" value={formData.server}</pre>
onChange={handleChange}>
            <option value="">-- Choose a server --</option>
            <option value="server1">Server 1</option>
            <option value="server2">Server 2</option>
            <option value="server3">Server 3</option>
          </select>
        </label>
        <fieldset>
          <legend>Please specify your role:</legend>
          <label>
            <input type="radio" name="role" value="Admin"</pre>
checked={formData.role === "Admin"} onChange={handleChange} />
            Admin
          </label>
          <label>
            <input type="radio" name="role" value="Engineer"</pre>
checked={formData.role === "Engineer"} onChange={handleChange} />
            Engineer
          </label>
          <label>
```

```
<input type="radio" name="role" value="Manager"</pre>
checked={formData.role === "Manager"} onChange={handleChange} />
            Manager
          </label>
          <label>
             <input type="radio" name="role" value="Guest"</pre>
checked={formData.role === "Guest"} onChange={handleChange} />
          </label>
        </fieldset>
        <fieldset>
          <legend>Single Sign-on to the following:</legend>
          <label>
             <input type="checkbox" name="signOn" value="Mail"</pre>
checked={formData.signOn.includes("Mail")} onChange={handleChange} />
            Mail
          </label>
          <label>
             <input type="checkbox" name="signOn" value="Payroll"</pre>
checked={formData.signOn.includes("Payroll")} onChange={handleChange} />
            Payroll Payroll
          </label>
          <label>
            <input type="checkbox" name="signOn" value="Self-service"</pre>
checked={formData.signOn.includes("Self-service")} onChange={handleChange} />
            Self-service
          </label>
        </fieldset>
        <button type="submit">Login</button>
        <button type="button" onClick={handleReset} style={{ marginLeft:</pre>
"10px" }}>
          Reset
        </button>
      </form>
    </div>
  );
};
export default App;
```

Novell Services Login



Q3

ProfilePage.js

```
import React from "react";
import ProfileImage from "./profileimage";
import UserInfo from "./userinfo";
import UserPosts from "./userposts";
const ProfilePage = () => {
 const user = {
    name: "Divyansh Mishra",
    email: "divyansh.mishra2023@vitstudent.ac.in",
    bio: "Full Stack Developer | JavaScript Enthusiast",
    posts: ["Hello World!", "Learning React is fun!", "Building my first React
app!"]
 };
  return (
    <div style={{ width: "400px", margin: "auto", textAlign: "center", border:</pre>
"1px solid #ddd", padding: "20px", borderRadius: "10px" }}>
      <ProfileImage imageUrl={user.imageUrl} />
      <UserInfo name={user.name} email={user.email} bio={user.bio} />
```

UserInfo.js

UserPosts.js

ProfileImage.js



Divyansh Mishra

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Bio: Full Stack Developer | JavaScript Enthusiast

User Posts

- Hello World!
- Learning React is fun!
- Building my first React app!