

Web Programming

Assignment – 14

Q1.

(a)

```
import React from "react";

const App = () => {
  return (
    <div style={{ textAlign: "center", marginTop: "20px" }}>
      <h2>Image from Public Folder</h2>
      
    </div>
  );
};

export default App;
```

(b)

```
import React from "react";
import srcImage from "../Images/srcImage.jpg"; // Importing from src folder

const App = () => {
  return (
    <div style={{ textAlign: "center", marginTop: "20px" }}>
      <h2>Image from src Folder</h2>
      <img src={srcImage} alt="From src Folder" width="300" />
    </div>
  );
};
```

```
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"
}}>
    <h2>Novell Services Login</h2>
    <form onSubmit={handleSubmit} style={{ display: "inline-block",
textAlign: "left" }}>
      <label>
        Username: <input type="text" name="username"
value={formData.username} onChange={handleChange} />
      </label>
      <br />
      <label>
        Password: <input type="password" name="password"
value={formData.password} onChange={handleChange} />
      </label>
      <br />
      <label>
        City of Employment: <input type="text" name="city"
value={formData.city} onChange={handleChange} />
      </label>
      <br />
      <label>
        Web Server:
        <select name="server" value={formData.server}
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>
      <br />
      <fieldset>
        <legend>Please specify your role:</legend>
        <label>
          <input type="radio" name="role" value="Admin"
checked={formData.role === "Admin"} onChange={handleChange} />
          Admin
        </label>
        <br />
        <label>
          <input type="radio" name="role" value="Engineer"
checked={formData.role === "Engineer"} onChange={handleChange} />
          Engineer
        </label>
      </fieldset>
    </form>
  </div>
)

```

```

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

export default App;

```

Novell Services Login

Username:

Password:

City of Employment:

Web Server:

Please specify your role:

☒ Admin
☐ Engineer
☐ Manager
☐ Guest

Single Sign-on to the following:

☒ Mail
☐ Payroll
☒ Self-service

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: "1px solid #ddd", padding: "20px", borderRadius: "10px" }}>
      <ProfileImage imageUrl={user.imageUrl} />
      <UserInfo name={user.name} email={user.email} bio={user.bio} />
    </div>
  );
};
```

```

        <UserPosts posts={user.posts} />
      </div>
    );
  };

export default ProfilePage;

```

UserInfo.js

```

import React from "react";

const UserInfo = ({ name, email, bio }) => {
  return (
    <div style={{ textAlign: "center" }}>
      <h2>{name}</h2>
      <p><strong>Email:</strong> {email}</p>
      <p><strong>Bio:</strong> {bio}</p>
    </div>
  );
};

export default UserInfo;

```

UserPosts.js

```

import React from "react";

const UserPosts = ({ posts }) => {
  return (
    <div>
      <h3>User Posts</h3>
      <ul>
        {posts.map((post, index) => (
          <li key={index}>{post}</li>
        ))}
      </ul>
    </div>
  );
};

export default UserPosts;

```

ProfileImage.js

```
import React from "react";

const ProfileImage = ({ imageUrl }) => {
  return (
    <div>
      <img
        src={imageUrl}
        alt="User Profile"
        style={{ width: "150px", height: "150px", borderRadius: "50%" }}
      />
    </div>
  );
};

export default ProfileImage;
```



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User Posts

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