

## Lab 10

### Part 1

Write a React application that has a form at the top of the page, and shows the entered data at the bottom of the page.

The user can enter the following information:

- Firstname
- Lastname
- Street
- City
- Zip
- State (select control)
- Email
- Phone
- Eye color (multiple radio buttons)
- Hobbies (multiple check boxes)

### Part 2

Write a React application with 4 pages:

#### Page 1:

You can enter

- Firstname (text input control)
- Lastname (text input control)
- Profession (which is a select input control with the values Programmer, Manager, Tester, Architect)

Then this page has a Next button that routes to Page 2

#### Page 2:

The page shows the entered data from page 1

You can enter

- street (text input control)
- City (text input control)
- Zip (text input control)
- State (which is a select input control with the values Iowa and California)

Then this page has a Next button that routes to Page 3

#### Page 3:

The page shows the entered data from page 1 and page 2

You can enter

- Creditcard number (text input control)
- type (which is a radio button control with the values Visa and Mastercard)

Then this page has a Next button that routes to Page 4

#### **Page 4:**

The page shows the entered data from page 1 and page 2 and page 3

**Before you can use the BrowserRouter you need to install the router library first with the command:**

```
npm install react-router-dom
```

```
npm audit fix --force
```

```
npm start
```

#### **What to hand in?**

1. Part 1: Create a zip file with only App.js and all other necessary .js files for this lab. Do not send a zip of the whole directory because that is a large file.
2. Part 2: Create a zip file with only App.js and all other necessary .js files for this lab. Do not send a zip of the whole directory because that is a large file.