

LAPORAN PEMROGRAMAN FRAMEWORK

“SESSION 7 HOC”

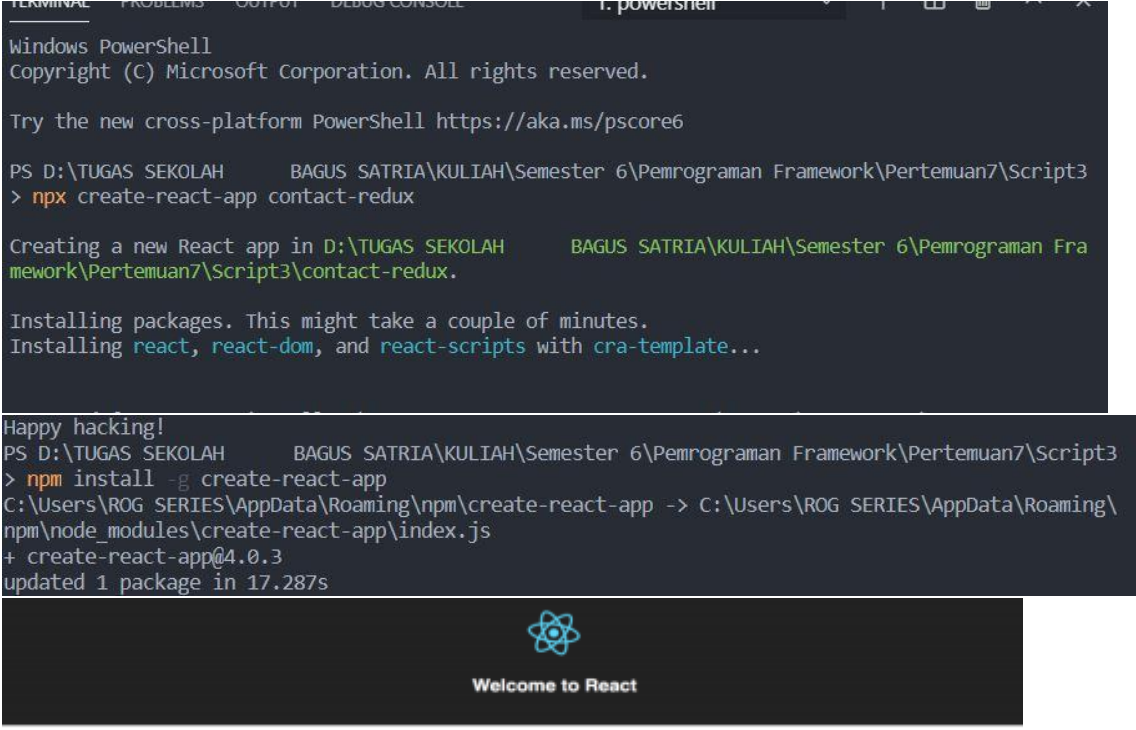


Oleh:

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PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG

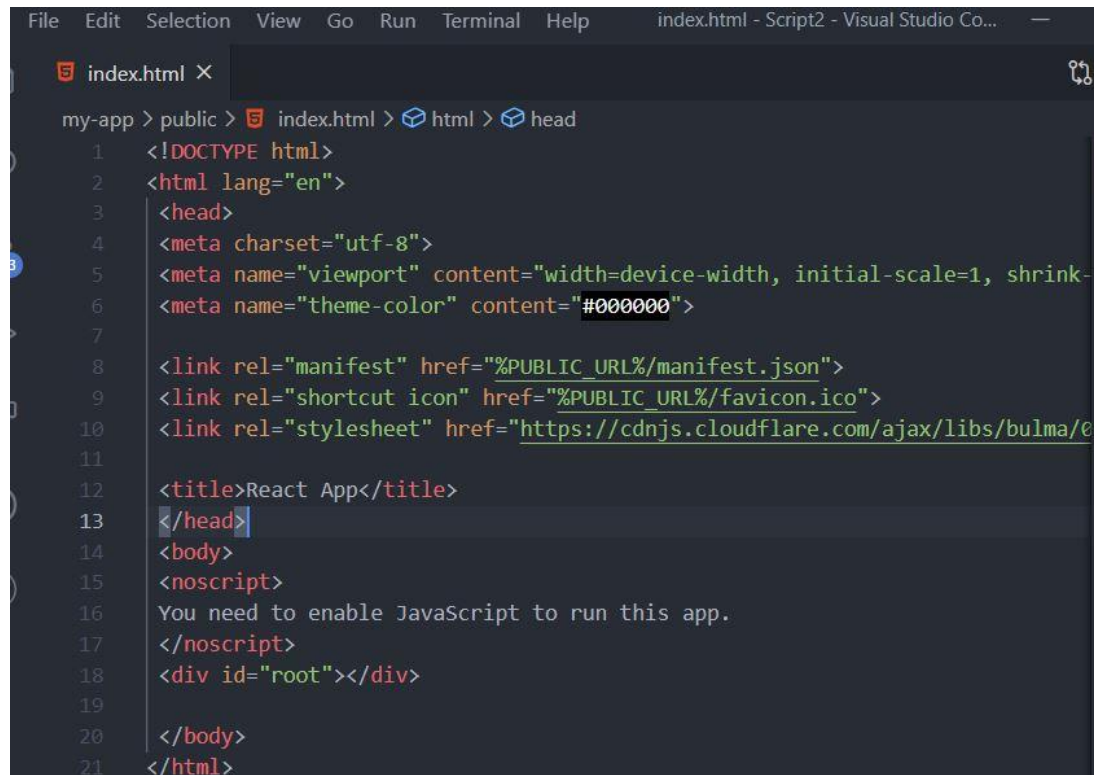
24 Maret 2021

No .	Keterangan
	<p>Link Youtube : https://youtu.be/QpnJ8yZSvmg</p> <p>Link Github : https://github.com/BagusSatria123/PemrogramanFrameworkReact/tree/master/Pertemuan7/Script2/my-app</p>
	<p>Buat dan install redux npx create-react-app contact-redux npm install -g create-react-app create-react-app contact-redux npm start</p> <p>Jawaban :</p>  <p>The screenshot shows a PowerShell terminal window. It starts with the Windows PowerShell copyright notice. The user runs 'npx create-react-app contact-redux' in the directory 'D:\TUGAS SEKOLAH BAGUS SATRIA\KULIAH\Semester 6\Pemrograman Framework\Pertemuan7\Script3'. The terminal shows the creation of a new React app, the installation of packages (react, react-dom, react-scripts), and the successful installation of create-react-app@4.0.3. Below the terminal output, the React logo is displayed with the text 'Welcome to React' and a message to get started by editing src/App.js.</p>
	<p>Ubah file index.html pada folder /public/index.html</p> <p>Jawaban :</p> <pre>import React from "react"; import ReactDOM from "react-dom"; import { createStore, combineReducers } from "redux"; import { Provider } from "react-redux"; import { reducer as formReducer } from "redux-form"; import "./index.css"; import App from "./App"; import * as serviceWorker from "./registerServiceWorker"; import registerServiceWorker from "./registerServiceWorker";</pre>

```

const rootReducer = combineReducers({
  form: formReducer,
});
const store = createStore(rootReducer);
ReactDOM.render(
  <Provider store={store}>
    <App />
  </Provider>,
  document.getElementById("root")
);
// registerServiceWorker();
serviceWorker.unregister();

```



```

File Edit Selection View Go Run Terminal Help index.html - Script2 - Visual Studio Co...
index.html X
my-app > public > index.html > html > head
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
6     <meta name="theme-color" content="#000000">
7
8     <link rel="manifest" href="%PUBLIC_URL%/manifest.json">
9     <link rel="shortcut icon" href="%PUBLIC_URL%/favicon.ico">
10    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/bulma/0
11
12    <title>React App</title>
13  </head>
14  <body>
15    <noscript>
16      You need to enable JavaScript to run this app.
17    </noscript>
18    <div id="root"></div>
19
20  </body>
21 </html>

```

Ubah file App.js pada folder /src/App.js

Jawaban :

```

import React, { Component } from "react";
import { reduxForm, Field } from "redux-form";
import logo from "./logo.svg";
import "./App.css";
let SignInForm = (props) => {

```

```

const { handleSubmit } = props;
return (
  <form onSubmit={handleSubmit} className="form">
    <div className="field">
      <div className="control">
        <Field
          name="firstName"
          component={renderField}
          type="text"
          label="First Name"
        />
      </div>
    </div>
    <div className="field">
      <div className="control">
        <Field
          name="lastName"
          component={renderField}
          type="text"
          label="Last Name"
        />
      </div>
    </div>
    <div className="field">
      <div className="control">
        <Field
          name="email"
          component={renderField}
          type="email"
          label="Email Address"
        />
      </div>
    </div>
    <div className="field">
      <div className="control">
        <Field name="age" component={renderField} type="number" label="Age" />
      </div>
    </div>
    <div className="field">
      <div className="control">
        <label className="label">Proficiency</label>
        <div className="select">
          <Field className="input" name="proficiency" component="select"

```

```

        <option />
        <option value="beginner">Beginner Dev</option>
        <option value="intermediate">Intermediate Dev</option>
        <option value="expert">Expert Dev</option>
    </Field>
</div>
</div>
</div>
<div className="field">
    <div className="control">
        <label className="label">Gender</label>
        <label className="radio">
            <Field name="gender" component="input" type="radio" value="male" />{" "}
            Male
        </label>
        <label className="radio">
            <Field
                name="gender"
                component="input"
                type="radio"
                value="female"
            />{" "}
            Female
        </label>
    </div>
</div>
<div className="field">
    <div className="control">
        <label className="checkbox">
            <Field
                name="saveDetails"
                id="saveDetails"
                component="input"
                type="checkbox"
            />
            Save Details
        </label>
    </div>
</div>
<div className="field">
    <div className="control">
        <label className="label">Message</label>
        <Field className="textarea" name="message" component="textarea"
    />

```

```

        </div>
      </div>
      <div className="field">
        <div className="control">
          <button className="button is-link">Submit</button>
        </div>
      </div>
    </form>
  );
};

const validate = (val) => {
  const errors = {};
  if (!val.firstName) {
    console.log("First Name is required");
    errors.firstName = "Required";
  }
  if (!val.lastName) {
    console.log("Last Name is required");
    errors.lastName = "Required";
  }
  if (!val.email) {
    console.log("email is required");
    errors.email = "Required";
  } else if (!/^.+@.+$/.test(val.email)) {
    console.log("email is invalid");
    errors.email = "Invalid email address";
  }
  if (!val.age) {
    errors.age = "Required";
  } else if (isNaN(Number(val.age))) {
    errors.age = "Must be a number";
  } else if (Number(val.age) < 18) {
    errors.age = "Sorry, you must be at least 18 years old";
  }
  return errors;
};

const renderField = ({
  input,
  label,
  type,
  meta: { touched, error, warning },
}) => (
  <div>
    <div className="control">
      <label className="field">{label}</label>

```

```

        <input className="input" {...input} placeholder={label} type={type}
    />
    {touched &&
      ((error && <span>{error}</span>) ||
        (warning && <span>{warning}</span>))}
    </div>
  </div>
);
SignInForm = reduxForm({
  form: "signIn",
  validate,
})(SignInForm);
class App extends Component {
  handleSignIn = (values) => {
    console.log(values);
  };
  render() {
    return (
      <div className="App">
        <header className="App-header">
          <img src={logo} className="App-logo" alt="logo" />
          <h1 className="App-title">Welcome to React x redux-form</h1>
        </header>
        <div className="container">
          <p className="App-intro">Contact Form</p>
          <SignInForm onSubmit={this.handleSignIn} />
        </div>
      </div>
    );
  }
}
export default App;

```

```
File Edit Selection View Go Run Terminal Help App.js - Script2 - Visual Studio Code
index.html App.js index.js
my-app > src > App.js > ...
> form Aa AbI * ? of 13 ↑ ↓ ≡ ×
1 import React, { Component } from "react";
2 import { reduxForm, Field } from "redux-form";
3 import logo from "../logo.svg";
4 import "../App.css";
5 let SignInForm = (props) => {
6   const { handleSubmit } = props;
7   return (
8     <form onSubmit={handleSubmit} className="form">
9       <div className="field">
10        <div className="control">
11          <Field
12            name="firstName"
13            component={renderField}
14            type="text"
15            label="First Name"
16          />
17        </div>
18      </div>
19      <div className="field">
20        <div className="control">
21          <Field
22            name="lastName"
23            component={renderField}
24            type="text"
```

Ubah file /src/index.js

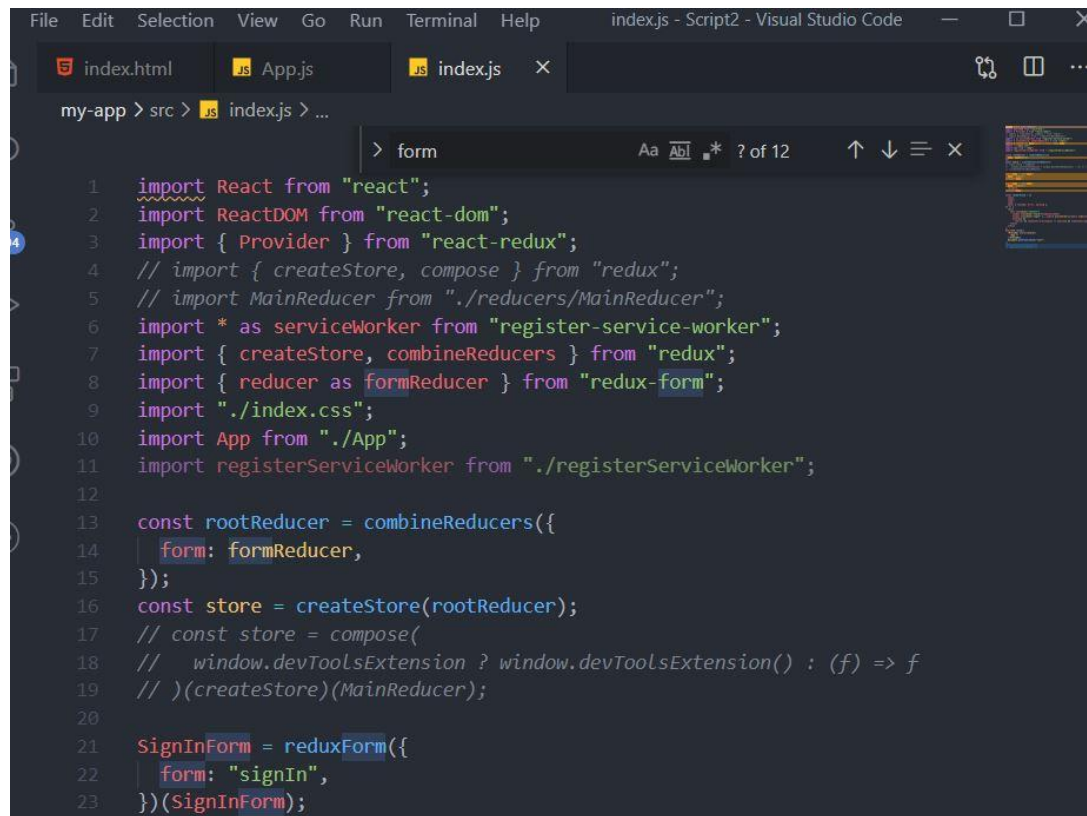
Jawaban :

```
import React from "react";
import ReactDOM from "react-dom";
import { createStore, combineReducers } from "redux";
import { Provider } from "react-redux";
import { reducer as formReducer } from "redux-form";
import "../index.css";
import App from "../App";
import * as serviceWorker from "../registerServiceWorker";

import registerServiceWorker from "../registerServiceWorker";
const rootReducer = combineReducers({
  form: formReducer,
});
const store = createStore(rootReducer);
ReactDOM.render(
  <Provider store={store}>
    <App />
  </Provider>,
  document.getElementById("root")
);
serviceWorker.unregister();
```



```
// registerServiceWorker();
serviceWorker.unregister();
```



```
File Edit Selection View Go Run Terminal Help index.js - Script2 - Visual Studio Code
index.html App.js index.js x
my-app > src > JS index.js > ...
> form Aa AbI * ? of 12 ↑ ↓ ≡ ×
1 import React from "react";
2 import ReactDOM from "react-dom";
3 import { Provider } from "react-redux";
4 // import { createStore, compose } from "redux";
5 // import MainReducer from "../reducers/MainReducer";
6 import * as serviceWorker from "register-service-worker";
7 import { createStore, combineReducers } from "redux";
8 import { reducer as formReducer } from "redux-form";
9 import "./index.css";
10 import App from "./App";
11 import registerServiceWorker from "../registerServiceWorker";
12
13 const rootReducer = combineReducers({
14   form: formReducer,
15 });
16 const store = createStore(rootReducer);
17 // const store = compose(
18 //   window.devToolsExtension ? window.devToolsExtension() : (f) => f
19 // )(createStore)(MainReducer);
20
21 SignInForm = reduxForm({
22   form: "signIn",
23 })(SignInForm);
```

Running hasilnya dan buatlah laporan

Jawaban :

LnWelcomeElementsConsoleSourcesNetworkPerformance»

1

topFilterDefault levels

Last Name is requiredApp.js:109

email is requiredApp.js:113

Last Name is requiredApp.js:109

email is requiredApp.js:113

Last Name is requiredApp.js:109

email is requiredApp.js:113

Last Name is requiredApp.js:109

email is requiredApp.js:113

Last Name is requiredApp.js:109

email is requiredApp.js:113

13email is requiredApp.js:113

6email is invalidApp.js:116

Contact Form

First Name

Bagus

Last Name

Satria Putra

Email Address

bagus@gmail.com

Age

20

Proficiency

Intermediate Dev

Gender

Male

Female

Save Details

Message

Lakukan Yang terbaik

Submit

Contact Form

First Name

First Name

Last Name

Last Name

Email Address

Email Address

Age

Age

Proficiency

Gender

☐ Male

☐ Female

☐ Save Details

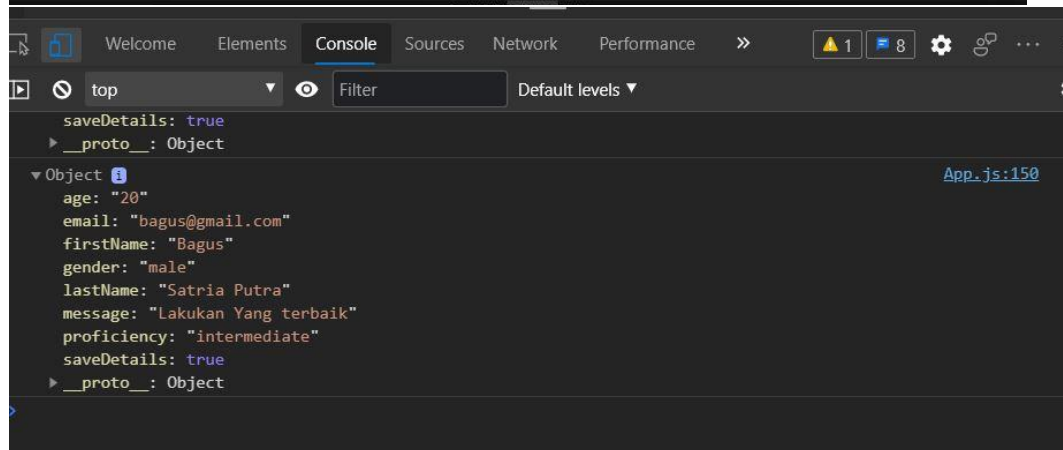
Message

Submit



Welcome to React x redux-form

Contact Form



--Alhamdulillah--