REACT JS – Pertemuan 2

PEMOGRAMAN BERBASIS FRAMEWORK

Dosen Pengampu:

Arie Rahmat Syulistyo, S. Kom, M. Kom

Oleh:

Christian Daniel Prayogo

1941720181

TI 3F

Jurusan Teknologi Informasi

Prodi D4 Teknik Informatika

Politeknik Negeri Malang

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3. PRAKTIKUM

A. Instalasi NodeJS


```
Command Prompt
Microsoft Windows [Version 10.0.22000.493]
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C:\Users\A S U S TU F>node -v
v16.14.0

C:\Users\A S U S TU F>npm -v
8.3.1

C:\Users\A S U S TU F>
```
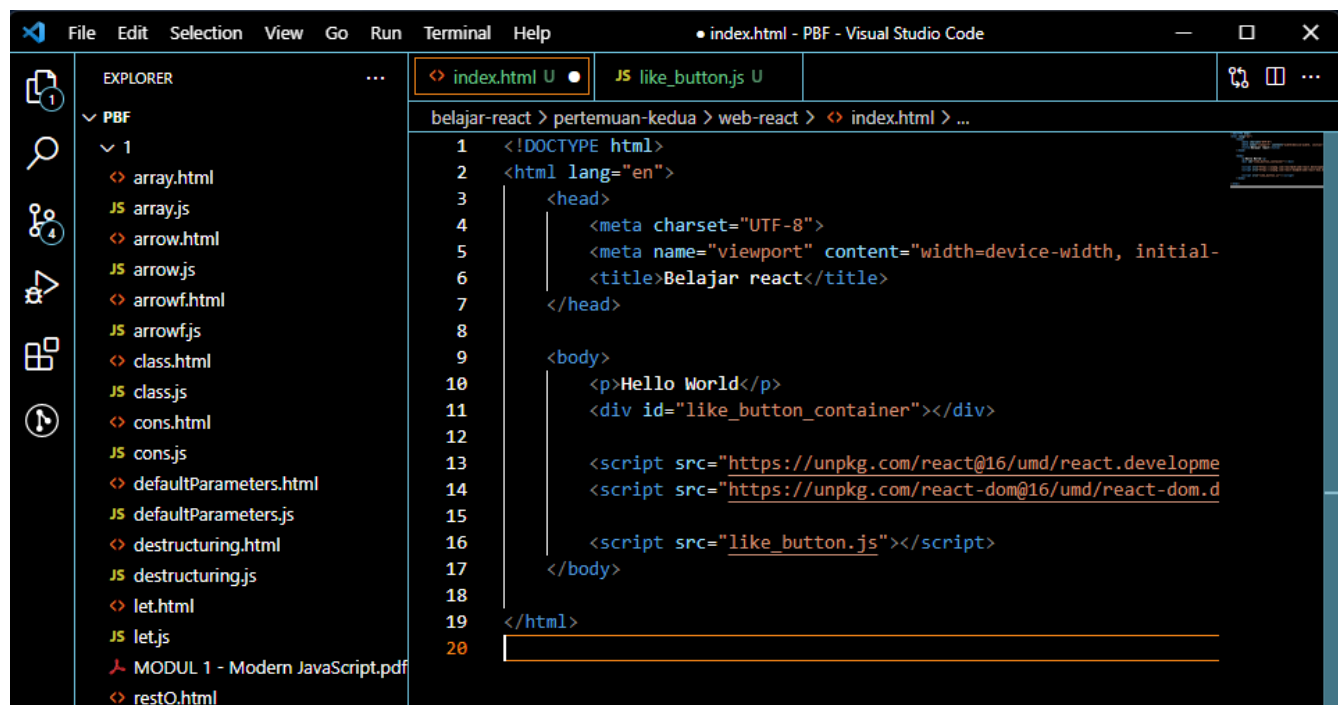
B. Menambahkan React pada website

Selain menggunakan CLI kita juga dapat menambahkan react pada website Langkahnya sebagai berikut

• Buatlah folder belajar-react/pertemuan-kedua/web-react
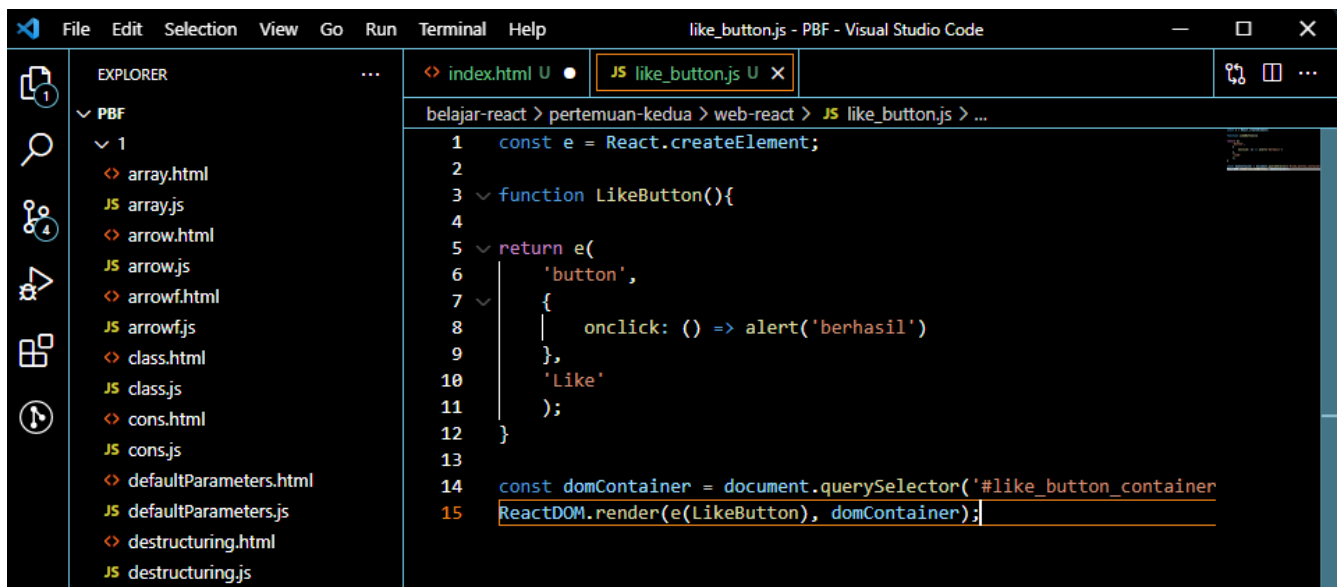
• Buatfile index.html


```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-
        <title>Belajar react</title>
    </head>

    <body>
        <p>Hello World</p>
        <div id="like_button_container"></div>

        <script src="https://unpkg.com/react@16/umd/react.developme
        <script src="https://unpkg.com/react-dom@16/umd/react-dom.d

        <script src="like_button.js"></script>
    </body>

</html>
```
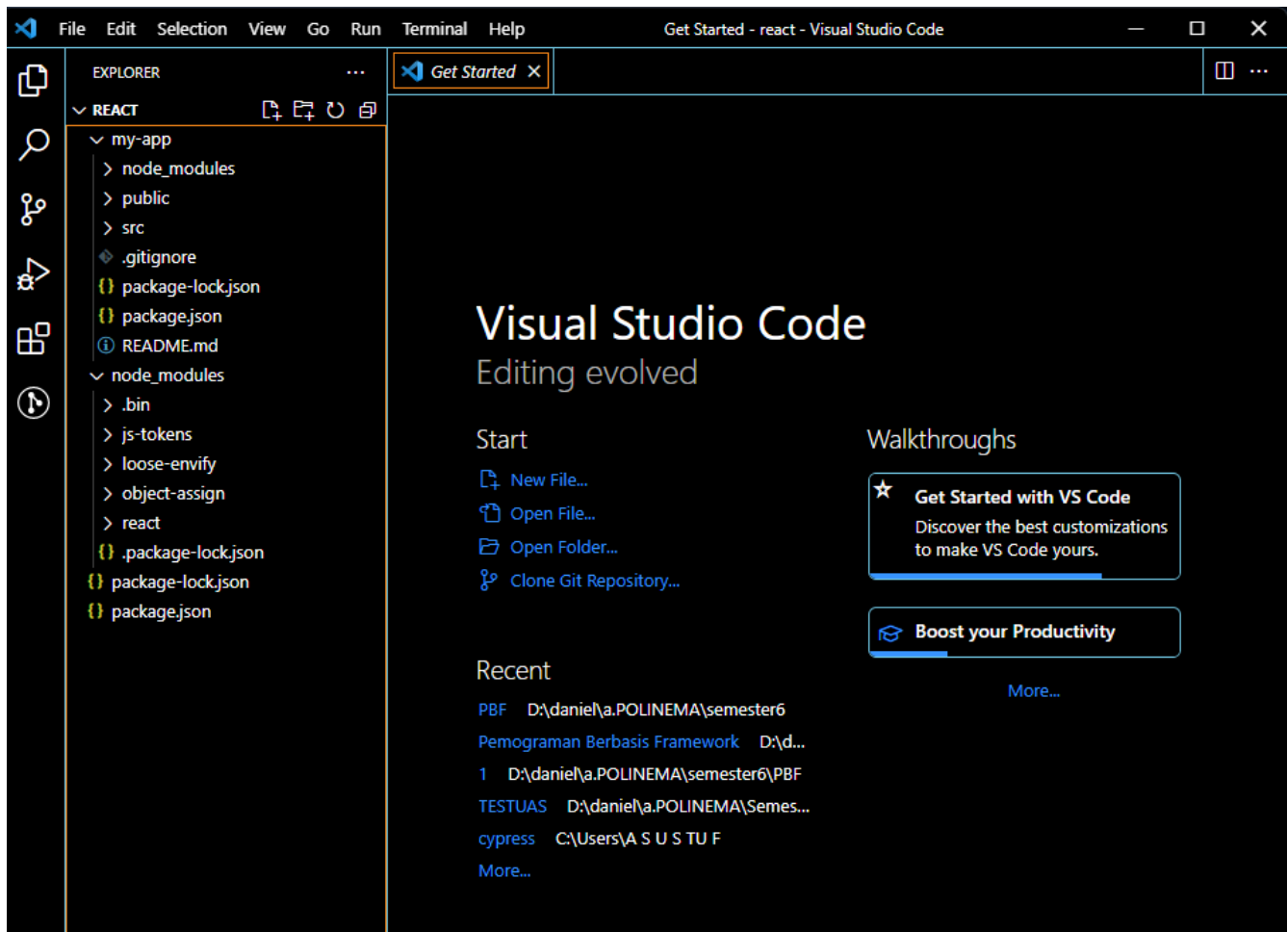
• Setelah itu buat file js dengan nama like_button.js
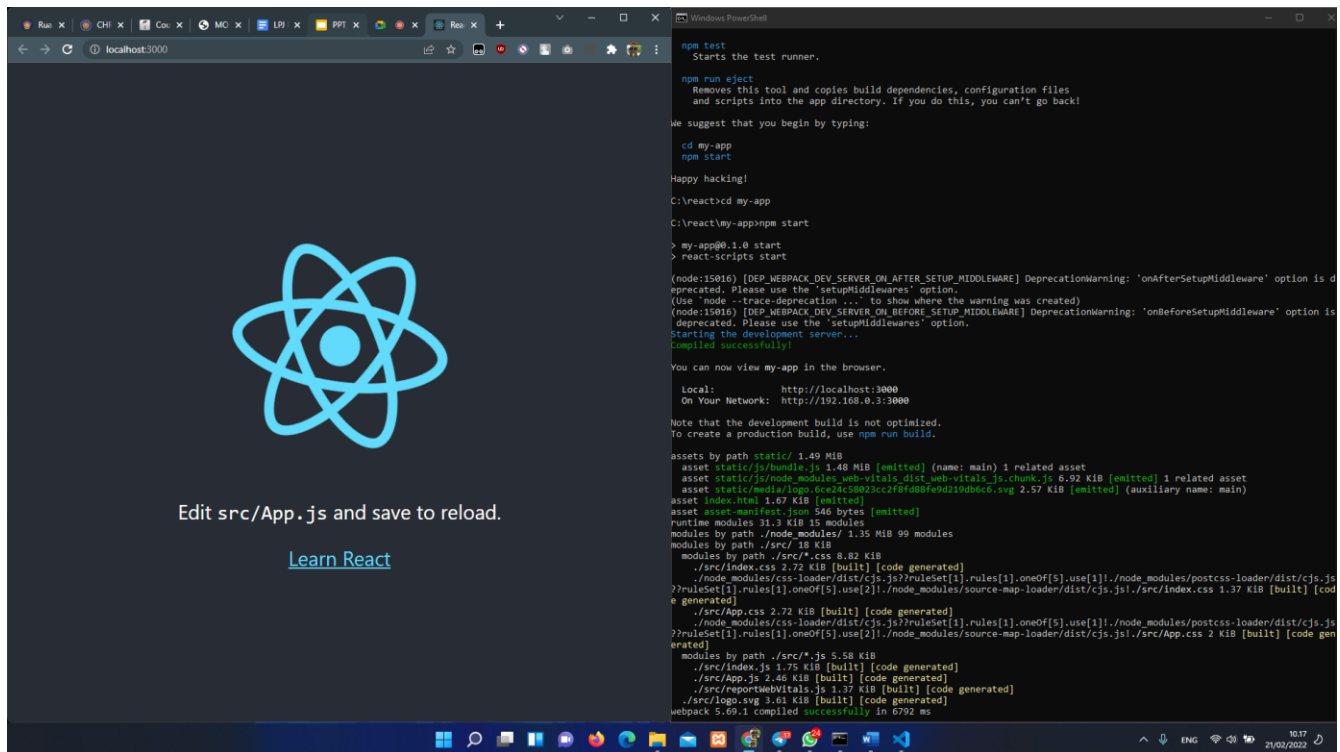
Hasilnya

C. Instalasi react-app

Untuk menjalankan ketik :

npm start

Hasilnya:

D. Struktur Project React

```js
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
import App from './App';
import * as serviceWorker from '.serviceWorker';

ReactDOM.render {<App />, document.getElementById('root')};

// If you want to start measuring performance in your app, pass a f
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA
ServiceWorker.unregister{};
```

my-app > src > JS index.js

---

index.html - react - Visual Studio Code

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

REACT
- my-app
  - node_modules
  - public
    - favicon.ico
    - index.html
    - logo192.png
    - logo512.png
    - manifest.json
    - robots.txt
  - src
    - App.css
    - App.js
    - App.test.js
    - index.css
    - index.js
    - logo.svg
    - reportWebVitals.js
    - setupTests.js
    - .gitignore
  - package-lock.json
  - package.json
  - README.md
  - node_modules
    - .bin
    - js-tokens
    - loose-envify
    - object-assign
    - react
    - .package-lock.json
  - package-lock.json
  - package.json

my-app > public > index.html > html > body

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
    <meta name="viewport" content="width=device-width, initial-scal
    <meta name="theme-color" content="#000000" />
    <meta
      name="description"
      content="Web site created using create-react-app"
    />
    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
    <!--
      manifest.json provides metadata used when your web app is ins
      user's mobile device or desktop. See https://developers.googl
    -->
    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
    <!--
      Notice the use of %PUBLIC_URL% in the tags above.
      It will be replaced with the URL of the `public` folder durin
      Only files inside the `public` folder can be referenced from

      Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC_URL%/favicon
      work correctly both with client-side routing and a non-root p
      Learn how to configure a non-root public URL by running `npm
    -->
    <title>React App</title>
  </head>
  <body>
    <noscript>You need to enable JavaScript to run this app.</noscr
    <div id="root"></div>
    <!--
      This HTML file is a template.
      If you open it directly in the browser, you will see an empty

      You can add webfonts, meta tags, or analytics to this file.
      The build step will place the bundled scripts into the <body>

      To begin the development, run `npm start` or `yarn start`.
      To create a production bundle, use `npm run build` or `yarn b
    -->
  </body>    You, 35 minutes ago • Initialize project using Creat
</html>
```
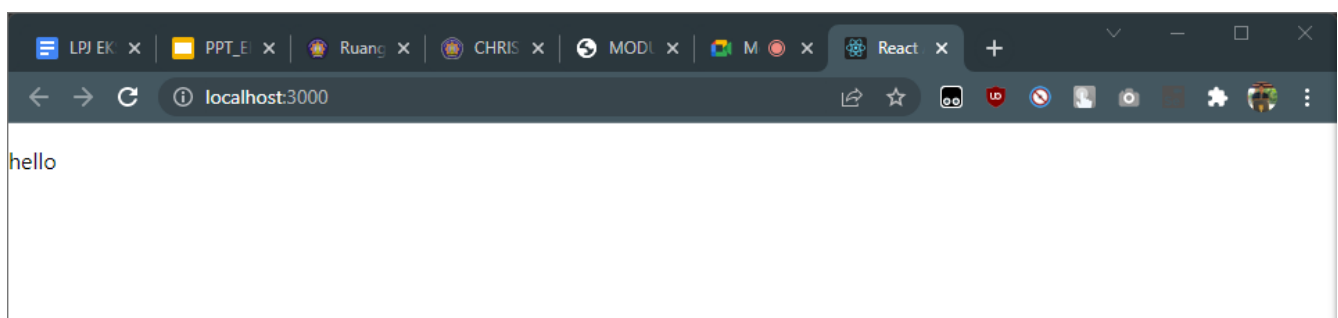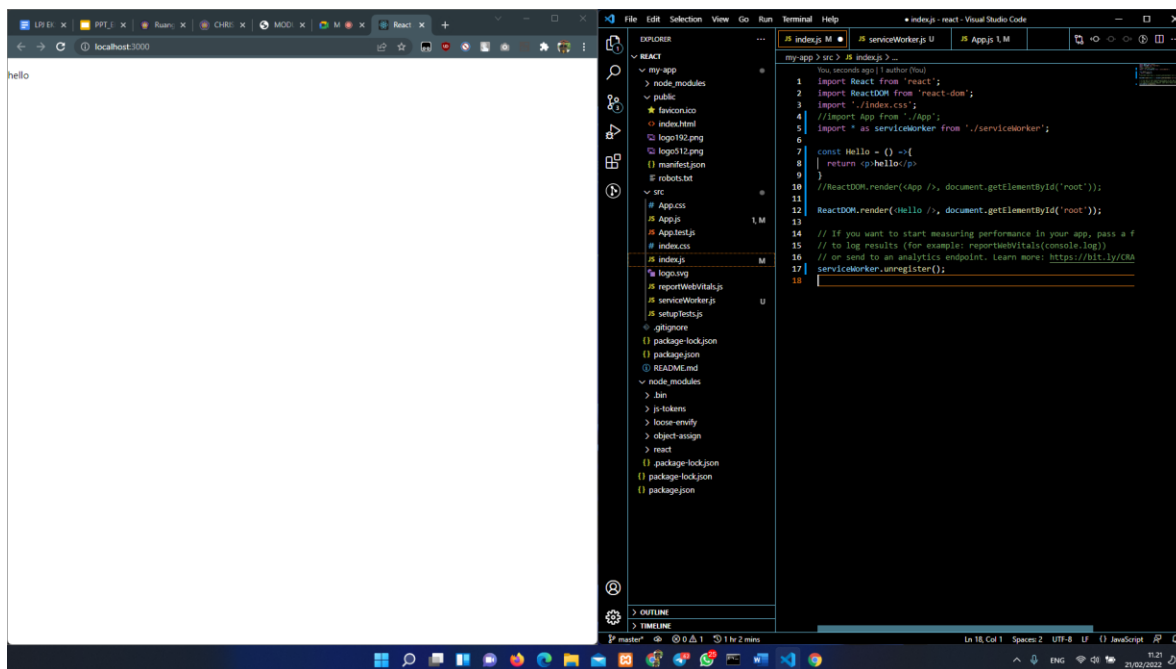
E. MEMBUAT COMPONENT HELLO MENGGUNAKAN ARROW FUNCTION


```js
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
//import App from './App';
import * as serviceWorker from './serviceWorker';

const Hello = () =>{
  return <p>hello</p>
}
//ReactDOM.render(<App />, document.getElementById('root'));

ReactDOM.render(<Hello />, document.getElementById('root'));

// If you want to start measuring performance in your app, pass a f
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA
serviceWorker.unregister();
```


git@github.com:christiandaniel1505/belajar-react-web-react.git