MODUL 3 REACT COMPONENT

PEMROGRAMAN BERBASIS FRAMEWORK



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POLITEKNIK NEGERI MALANG JURUSAN TEKNOLOGI INFORMASI PROGRAM STUDI D4 TEKNIK INFORMATIKA

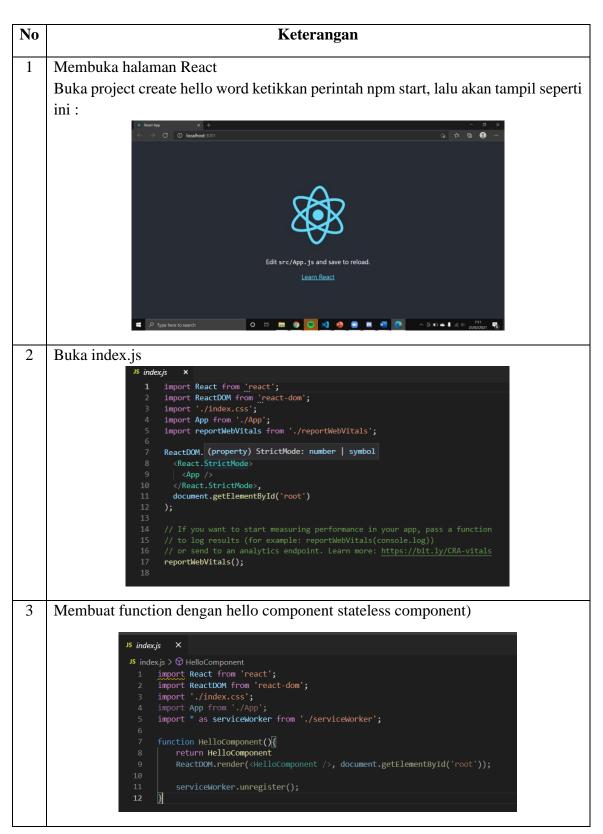
FEBRUARI 2021

Praktikum

a. Membuat Stateless component & statefull component

Project sebelumnya create hello world

Bagaimana cara membuat komponen dengan stateless component :



Run di browser dan catat hasilnya Buat class component / statefull component dengan memanggil react .component 5 src > Js index.js > ...

1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import './index.css';
4 import App from './App';
5 import * as serviceWorker from 'register-service-worker';
6 import { render } from '@testing-library/react' const HelloComponent = () => { return HelloComponent} render() { return StateFullComponent ReactDOM.render(<StateFullComponent />, document.getElementById('root')); serviceWorker.unregister(); Memanggil StateFullComponent didalam react 6 React App \mathbb{C} i localhost:3001 StateFullComponent

Membuat Props

Props atau properties digunakan untuk menampung nilai yang nantinya dikirimkan ke suatu Component

Menampilkan Props

Props pada class Component

Component List

Component Image

```
Buat program berikut

JS index.js

JS Image.js X

JS List.js

JS Footer.js

JS App.js

src > JS Image.js > ...

import React, { Component } from 'react';

class Image extends Component {

render() {

return (

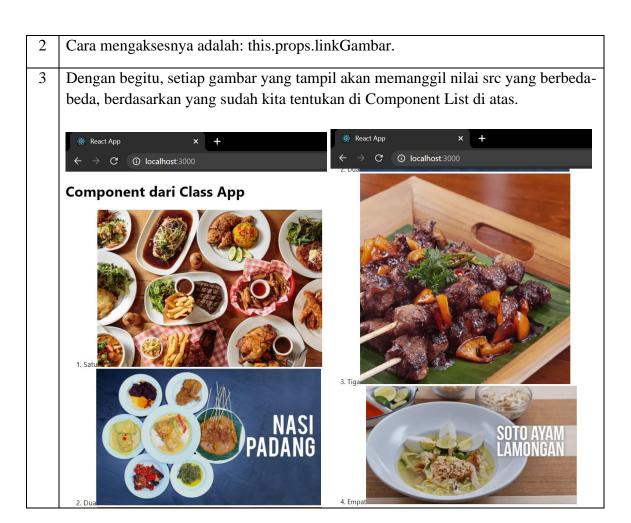
<imp src={ this.props.linkGambar } alt="Food" width='500' />

);

}

export default Image;

11
```



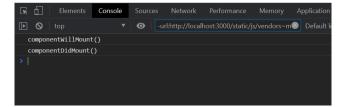
Lifecycle Component

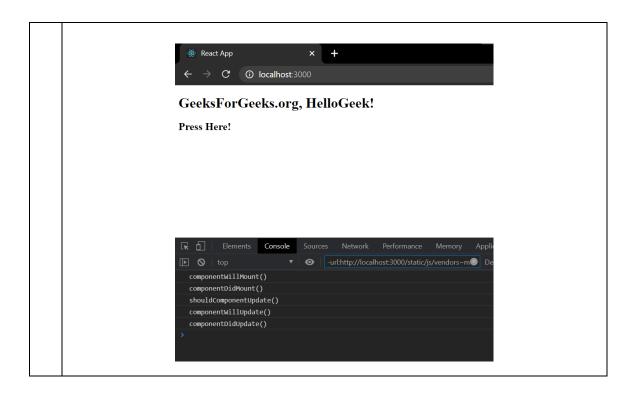
2 Hasilnya seperti berikut



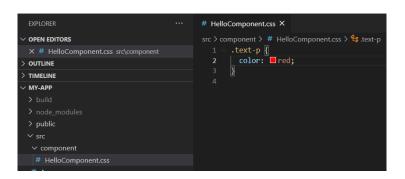
GeeksForGeeks.org, HelloWorld!

Press Here!

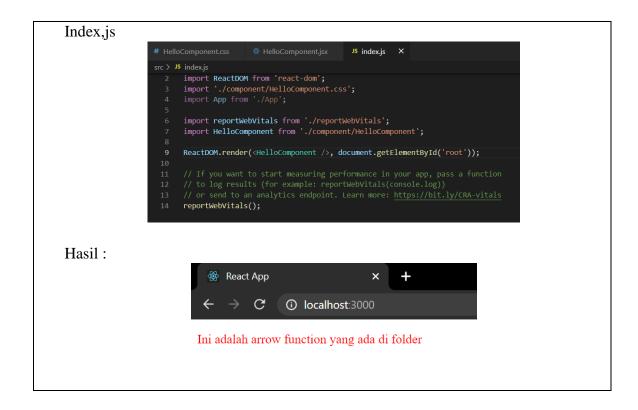




- Selain kita dapat membuat file stateless component pada folder component, kita juga dapat menambahkan file css seperti pada gambar berikut (sebaiknya nama file css disamakan dengan nama file js nya dan tambahkan code seperti berikut)



- Setelah itu import HelloComponent.css pada HelloComponent.js seperti pada berikut



TugasMembuat menu login seperti pada gambar menggunakan CSS

Login.css

```
border: 3px solid ■#f1f1f1;
  width: 300px;
  margin: 20px auto;
 padding: 20px 20px;
input[type="text"],
input[type="password"] {
 width: 100%;
 padding: 12px 20px;
 margin: 8px 0;
 display: inline-block;
 border: 1px solid ■#ccc;
 box-sizing: border-box;
button {
  background-color: ■#4caf50;
  color: ■white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
```

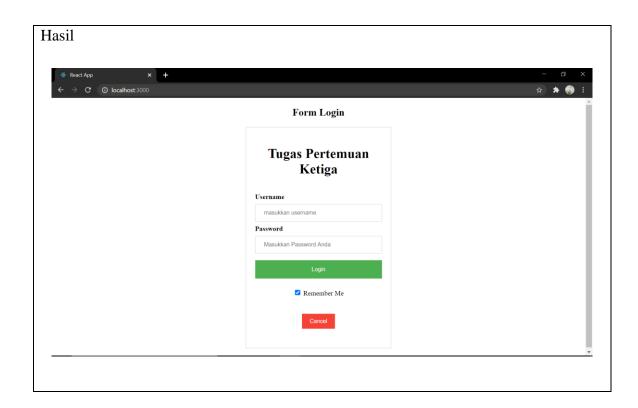
Index.js

```
import React from 'react';
import ReactDOM from 'react-dom';
import './component/Login.css';
import App from './App';

import reportWebVitals from './reportWebVitals';
import Login from './component/Login';

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

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



Link Youtube:

 $youtube.com/watch?v{=}HxSz2XzShRA$

Link Github:

https://github.com/liviayurike/Pemrograman-Berbasis-

Framework/tree/master/Pertemuan%203