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## LATIHAN PRAKTIKUM MODUL

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Mata Kuliah : Lab. PWL 1

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1. Buatlah project react bernama Project-PWL-NPM.
2. Tambahkan framework CSS yaitu Bootstrap kedalam project anda.
3. Buatlah sebuah form data diri yaitu:
  - NPM
  - First Name
  - Middle Name
  - Last Name
  - Birthdate

Buatlah sebuah form submit sesuai dengan isian field diatas dengan kondisi:

- Isian NPM hanya untuk NUMERIC dan jumlah maksimum sebanyak 10
- Isian Birthdate boleh menggunakan library datepicker atau manual dengan inputan format YYYY-MM-DD
- Seluruh form isian wajib diisi kecuali Middle Name
- Jika sudah terisi dengan benar, ketika mensubmit maka akan menampilkan informasi dalam bentuk Pop UP (Modal) seperti dibawah ini:

NPM : 3320190306
Fullname : Febry Damatraseta Fairuz
Age : 70th

Nilai isian Age diambil dari kalkulasi isian field Birthdate.

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### Langkah- Langkah

1. Buat project baru

```
npx create-react-app project-pwl-212310049
```

```
cd project-pwl-212310049
```

2. Running ke web server

```
npm start
```

```
Compiled successfully!

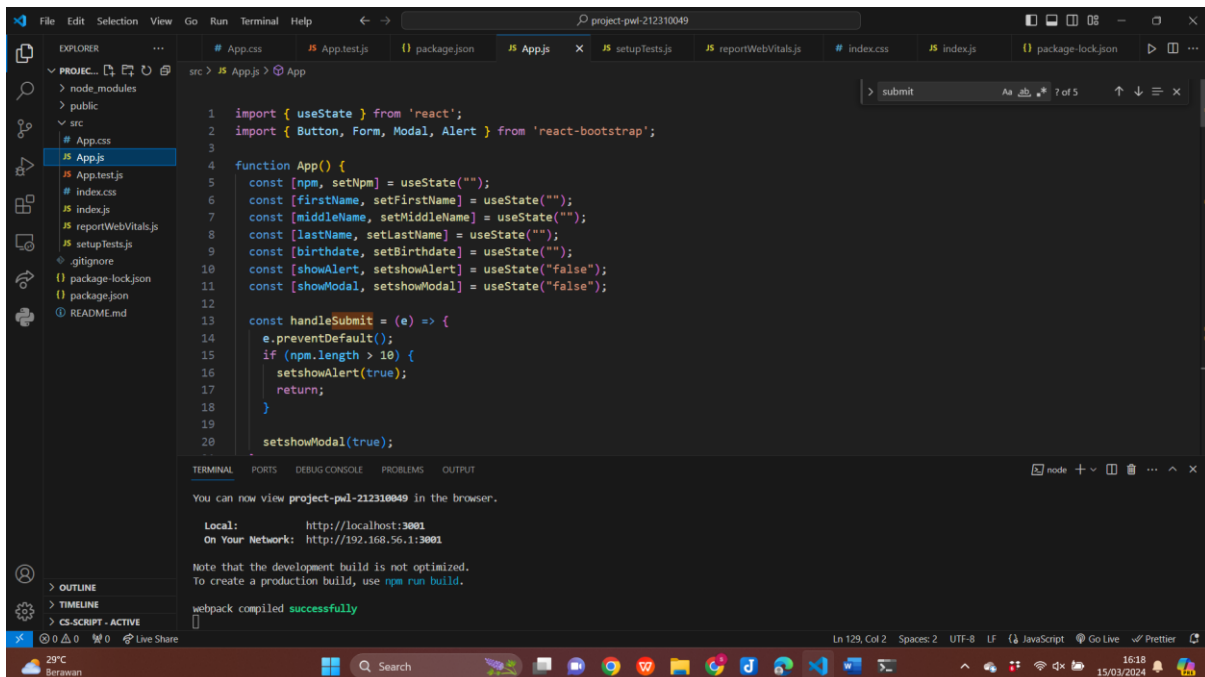
You can now view project-pwl-212310049 in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.56.1:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

### 3. Edit di Vscode bagian menu app.js



The screenshot shows the VS Code editor interface. The Explorer sidebar on the left shows the project structure with files like `App.css`, `App.js`, `App.test.js`, `index.css`, `index.js`, `reportWebVitals.js`, `setupTests.js`, `.gitignore`, `package-lock.json`, and `package.json`. The main editor area displays the `App.js` file with the following code:

```
1 import { useState } from 'react';
2 import { Button, Form, Modal, Alert } from 'react-bootstrap';
3
4 function App() {
5   const [npm, setNpm] = useState("");
6   const [firstName, setFirstName] = useState("");
7   const [middleName, setMiddleName] = useState("");
8   const [lastName, setLastName] = useState("");
9   const [birthdate, setBirthdate] = useState("");
10  const [showAlert, setShowAlert] = useState("false");
11  const [showModal, setShowModal] = useState("false");
12
13  const handleSubmit = (e) => {
14    e.preventDefault();
15    if (npm.length > 10) {
16      setShowAlert(true);
17      return;
18    }
19    setShowModal(true);
20  }
21 }
```

The terminal at the bottom shows the same output as the first image:

```
You can now view project-pwl-212310049 in the browser.

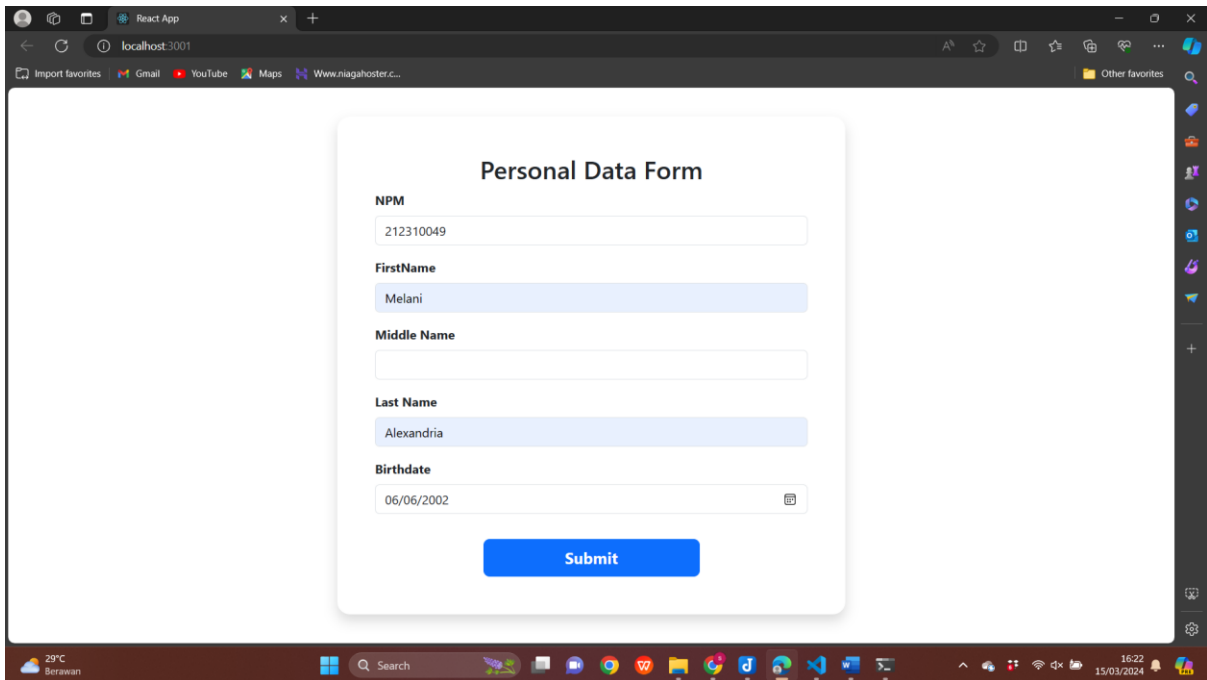
  Local:            http://localhost:3000
  On Your Network:  http://192.168.56.1:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

*Good education is not what fills your head with facts, but what stimulates curiosity. You then learn for the rest of your life – Neil de Grasse Tyson*

#### 4. Isi bagian form dan submit



Personal Data Form

NPM  
212310049

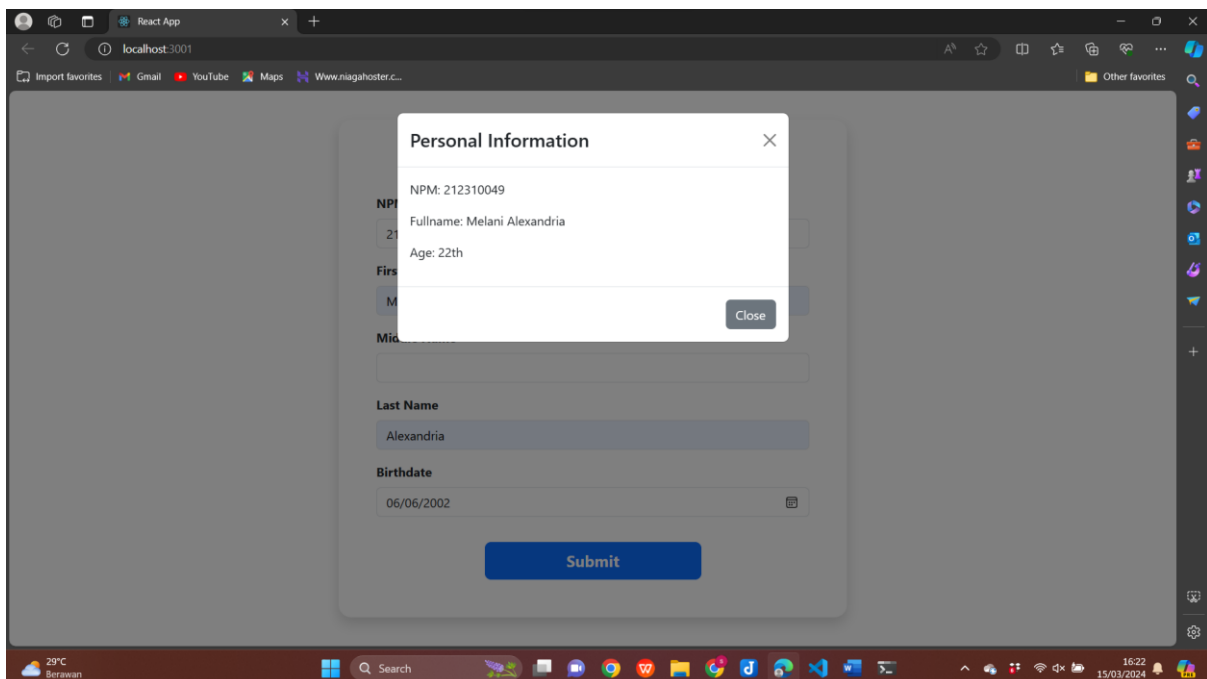
FirstName  
Melani

Middle Name

Last Name  
Alexandria

Birthdate  
06/06/2002

Submit



Personal Information

NPM: 212310049

Fullname: Melani Alexandria

Age: 22th

Close

Submit

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