

Form

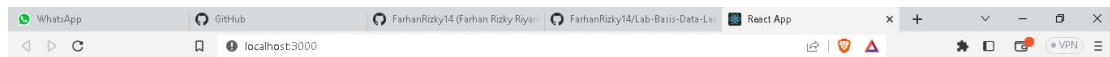
NPM

Nama depan

Nama tengah

Nama Belakang

Birthdate



Form

NPM

Nama depan

Nama tengah

Nama Belakang

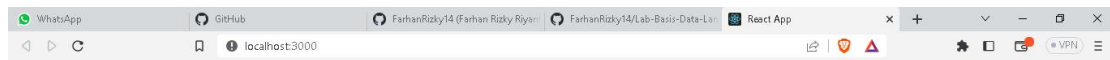
Birthdate

Form Result

NPM : 202310059

Nama : Farhan Rizky

Age : 24



Form

NPM

Please enter a valid NPM.

Nama depan

Please enter a valid first Name.

Nama tengah

Nama Belakang

Please enter a valid last Name.

Birthdate

```
import React, { useState } from 'react';
import 'bootstrap/dist/css/bootstrap.min.css';
import DatePicker from 'react-datepicker';
import 'react-datepicker/dist/react-datepicker.css';
import { Modal, Button, Form } from 'react-bootstrap';

function App() {
  const [showModal, setShowModal] = useState(false);
  const [npm, setNpm] = useState('');
  const [firstName, setFirstName] = useState('');
  const [middleName, setMiddleName] = useState('');
  const [lastName, setLastName] = useState('');
  const [birthdate, setBirthdate] = useState(new Date());
  const [age, setAge] = useState('');
  const [validated, setValidated] = useState(false);
```

```
const handleSubmit = (event) => {
  const form = event.currentTarget;
  event.preventDefault();
  if (form.checkValidity() === false) {
    event.stopPropagation();
  } else {
    setAge(calculateAge(birthdate));
    setShowModal(true);
  }
  setValidated(true);
};
```

```
const calculateAge = (birthdate) => {
  const ageDiffMs = Date.now() - birthdate.getTime();
  const ageDate = new Date(ageDiffMs);
  return Math.abs(ageDate.getUTCFullYear() - 1970);
```

```
};
```

```
return (  
  <div className="container my-5">  
    <h1>Form</h1>  
    <Form noValidate validated={validated} onSubmit={handleSubmit}>  
      <Form.Group className="mb-3" controlId="npm">  
        <Form.Label>NPM</Form.Label>  
        <Form.Control  
          type="number"  
          placeholder="Enter NPM"  
          maxLength="10"  
          required  
          value={npm}  
          onChange={(e) => setNpm(e.target.value)}  
        />  
        <Form.Control.Feedback type="invalid">  
          Please enter a valid NPM.  
        </Form.Control.Feedback>  
      </Form.Group>  
      <Form.Group className="mb-3" controlId="npm">  
        <Form.Label>Nama depan</Form.Label>  
        <Form.Control  
          type="Text"  
          placeholder="Nama depan"  
          required  
          value={firstName}  
          onChange={(e) => setFirstName(e.target.value)}  
        />  
        <Form.Control.Feedback type="invalid">  
          Please enter a valid first Name.  
        </Form.Control.Feedback>  
      </Form.Group>  
      <Form.Group className="mb-3" controlId="mid">  
        <Form.Label>Nama tengah</Form.Label>  
        <Form.Control  
          type="Text"  
          placeholder="Nama tengah"  
          value={middleName}  
          onChange={(e) => setMiddleName(e.target.value)}  
        />  
      </Form.Group>  
      <Form.Group className="mb-3" controlId="npm">  
        <Form.Label>Nama Belakang</Form.Label>  
        <Form.Control  
          type="Text"  
          placeholder="Nama Belakang"  
          required
```

```

        value={lastName}
        onChange={(e) => setLastName(e.target.value)}
      />
      <Form.Control.Feedback type="invalid">
        Please enter a valid last Name.
      </Form.Control.Feedback>
    </Form.Group>
    <Form.Group className="mb-3" controlId="birthdate">
      <Form.Label>Birthdate</Form.Label>
      <br />
      <DatePicker
        dateFormat="yyyy-MM-dd"
        selected={birthdate}
        onChange={(date) => setBirthdate(date)}
      />
    </Form.Group>

```

```

    <Button variant="primary" type="submit">
      Submit
    </Button>
  </Form>

```

```

    <Modal show={showModal} onHide={() => setShowModal(false)}>
      <Modal.Header closeButton>
        <Modal.Title>Form Result</Modal.Title>
      </Modal.Header>
      <Modal.Body>
        <p>NPM : {npm}</p>
        <p>Nama : {firstName} {middleName} {lastName}</p>
        <p>Age : {age}</p>
      </Modal.Body>
      <Modal.Footer>
        <Button variant="secondary" onClick={() =>
setShowModal(false)}>
          Close
        </Button>
      </Modal.Footer>
    </Modal>
  </div>
);
}

```

```

export default App;

```