

REACT FRONT END DEVELOPMENT

ASSIGNMENT - 3

1. array.jsx

```
import React, { Component } from 'react';
```

```
class LoginFormClass extends Component {
```

```
  constructor(props) {
```

```
    super(props);
```

```
    this.state = {
```

```
      formData: {
```

```
        email: "",
```

```
        password: "",
```

```
      },
```

```
    };
```

```
  }
```

```
  handleChangeEvent = (e) => {
```

```
    const { name, value } = e.target;
```

```
    this.setState((prevState) => ({
```

```
      formData: {
```

```
        ...prevState.formData,
```

```
        [name]: value,
```

```
      },
```

```
    }));
```

```
  };
```

```
  handleSubmit = (e) => {
```

```
    e.preventDefault();
```

```
const { email, password } = this.state.formData;

// Check if both email and password are non-empty before logging
if (email && password) {
  console.log('Form Data:', this.state.formData);
  // You can add further logic for form submission here
}

};
```

```
render() {
  const { email, password } = this.state.formData;
```

```
  return (
    <form onSubmit={this.handleSubmit}>
      <div>
        <label htmlFor="email">Email:</label>
        <input
          type="email"
          id="email"
          name="email"
          value={email}
          onChange={this.handleChangeEvent}
          required
        />
      </div>
      <div>
        <label htmlFor="password">Password:</label>
        <input
          type="password"
          id="password"
          name="password"
```

```

    value={password}
      onChange={this.handleChangeEvent}
    required
  />
</div>

  <button type="submit">Submit</button>
</form>

);
}
}

export default LoginFormClass;

```

2. Boolean.jsx

```

import React, { Component } from 'react';

class ToggleButton extends Component {
  constructor(props) {
    super(props);

    this.state = {
      isToggled: false,
    };
  }

  handleToggle = () => {
    this.setState((prevState) => ({
      isToggled: !prevState.isToggled,
    }));
  };
}

```

```

};

render() {
  return (
    <div>
      <button onClick={this.handleToggle}>Toggle</button>
      <p>{this.state.isToggled ? 'Toggle is ON' : 'Toggle is OFF'}</p>
    </div>
  );
}

export default ToggleButton;

```

3. String.jsx

```

import React, { Component } from 'react';

class DynamicContent extends Component {
  constructor(props) {
    super(props);

    this.state = {
      inputValue: "",
    };
  }

  handleChange = (e) => {
    this.setState({
      inputValue: e.target.value,
    });
  }

```

```
};

render() {
  return (
    <div>
      <label htmlFor="input">Enter Text: </label>
      <input
        type="text"
        id="input"
        value={this.state.inputValue}
        onChange={this.handleChange}
      />
      <p>The entered Text : {this.state.inputValue}</p>
    </div>
  );
}

export default DynamicContent;
```

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