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;
```

G. JAYA ALTRIN BE CSE (AIML)

727822TUAM019