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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