React - Components, State, Props
Task1 - Create a React component that renders the following JSX elements:
A heading with the text "Welcome to JSX".
A paragraph explaining JSX with dynamic data (use curly braces to insert variables)

App.js
```
import React from 'react'

export default function App() {
    const username = 'karan'
    const info = JSX is dynamic and user: ${username}
    return (
        <div>
            <h2>Welcome to JSX</h2>
            <p>{info}</p>
        </div>
    )
}
```

Task2 Create a functional component Greeting that accepts a name as a prop and displays "Hello, [name]!"

App.js
```
import React from 'react'
import Greeting from './Greeting'

export default function App() {
    return (
        <div>
            <Greeting name='karan' />
        </div>
    )
}
```

Greeting.js
```
import React from 'react'

export default function Greeting(props) {
    return (
        <div>
            Hello, {props.name}!
        </div>
    )
}
```

Task 4: Create a class component WelcomeMessage that displays "Welcome to React!" and a render() method

WelcomeMessage.js
```
import React, { Component } from 'react'

export default class WelcomeMessage extends Component {
    constructor(props) {
        super(props)
        this.state = {
            message: 'Welcome to React!'
        }
    }

    render() {
        return (
            <div>
```

```
                {this.state.message}
            </div>
        )
    }
}


App.js
import React from 'react'
import WelcomeMessage from './WelcomeMessage'

export default function App() {
    return (
        <div>
            <WelcomeMessage />
        </div>
    )
}
```

Task5 Create a React component UserCard that accepts name, age, and location as props and displays them in a car

```
App.js
import React from 'react'
import UserCard from './UserCard'

export default function App() {
    return (
        <div>
            <UserCard name="karan" age={21} location="India" />
        </div>
    )
}


UserCard.js
import React from 'react'

export default function UserCard({ name, age, location }) {
    return (
        <div>
            <p>Name: {name}</p>
            <p>Age: {age}</p>
            <p>Location: {location}</p>
        </div>
    )
}
```

Task 6 Create a Counter component with a button that increments a count value using React state. Display the curre

```
Counter.js
import React, { useState } from 'react'

export default function Counter() {
    const [count, setCount] = useState(0)

    return (
        <div>
            <p>Current count: {count}</p>
            <button onClick={() => setCount(count + 1)}>Add</button>
        </div>
    )
}
```

```
App.js
import React from 'react'
import Counter from './Counter'

export default function App() {
    return (
        <div>
            <Counter />
        </div>
    )
}
```