

Task 1: UserStatus Component (Online / Offline)

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src/UserStatus.js

```
import React from "react";

function UserStatus({ isOnline }) {
  return <p>Status: {isOnline ? "Online ☐" : "Offline ☐"}</p>;
}

export default UserStatus;
```

Task 2: AgeCheck Component (Adult / Minor)

src/AgeCheck.js

```
import React from "react";

function AgeCheck({ age }) {
  return <p>{age >= 18 ? "Adult ☐" : "Minor ☐"}</p>;
}

export default AgeCheck;
```

Task 3: Loading Component (Loading... / Content)

src/Loading.js

```
import React from "react";

function Loading({ isLoading, content }) {
  return <p>{isLoading ? "Loading... ☐" : content}</p>;
}

export default Loading;
```

Task 4: Notification Component (Show Message if Exists)

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src/Notification.js

```
import React from "react";

function Notification({ message }) {
  return message ? <p>☐ {message}</p> : null;
}

export default Notification;
```

Task 5: Feedback Component (Positive / Negative)

src/Feedback.js

```
import React from "react";

function Feedback({ type, message }) {
  const style = {
    color: type === "positive" ? "green" : "red",
    fontWeight: "bold"
  };

  return <p style={style}>{message}</p>;
}

export default Feedback;
```

Step 6: Combine Everything in App.js

src/App.js

```
import React from "react";
import UserStatus from "../UserStatus";
import AgeCheck from "../AgeCheck";
import Loading from "../Loading";
import Notification from "../Notification";
import Feedback from "../Feedback";

function App() {
  return (
    <div>
      <h2>Conditional Rendering Example</h2>

      <UserStatus isOnline={true} />
      <UserStatus isOnline={false} />

      <AgeCheck age={22} />
      <AgeCheck age={16} />

      <Loading isLoading={true} content="Welcome to React!" />
      <Loading isLoading={false} content="Data Loaded Successfully ☐" />

      <Notification message="You have a new message!" />
      <Notification message="" />

      <Feedback type="positive" message="Great job! Keep it up! ☐" />
      <Feedback type="negative" message="Something went wrong! ☐" />
    </div>
  );
}

export default App;
```

Step 7: Render Everything in index.js

src/index.js

```
import React from "react";
import ReactDOM from "react-dom";
import App from "../App";

ReactDOM.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>,
  document.getElementById("root")
);
```