

◇ React Assignment: Toggle Switch Component

🔗 Problem Statement

Create a **React component** that displays a toggle switch. The switch should:

- 1. **Show an "ON" or "OFF" status** based on its state.
- 2. **Display an image** (`on.jpg` when ON, `off.jpg` when OFF).
- 3. **Toggle the state when the image is clicked** (switch between ON and OFF).

◇ Requirements

- Use the `useState` hook to manage the toggle state (`isOn`).
- Use the ternary operator (`? :`) to dynamically change the image and text.
- Import and use images (`on.jpg` and `off.jpg`) from the `assets` folder.
- When the image is clicked, **toggle the state** to update the UI.

◇ Expected Behavior

Initial State	On Click (Toggle State)
Shows "OFF" with <code>off.jpg</code>	Shows "ON" with <code>on.jpg</code>
Clicking the image toggles it ON	Clicking again toggles it OFF

🔗 Tasks

- 1 [Optional] Create a **new React project** (if not already set up).
- 2 Create a component called `ToggleSwitch.tsx`.
- 3 Implement the **toggle functionality** using `useState`.
- 4 Import `on.jpg` and `off.jpg` from the `assets` folder.
- 5 Display the **correct image** and text based on the state.
- 6 Clicking the image should **toggle the state**.
- 7 Add **CSS styling** (optional) to enhance appearance.