Assignment No. 7

Title: Customizing theme using React js

```
import React, { useState } from "react";
function App() {
  const [theme, setTheme] = useState("light");
  const [color, setColor] = useState("#007bff");


  const toggleTheme = () => {
    setTheme(theme === "light" ? "dark" : "light");
  };


  // Inline CSS styles
  const styles = {
    app: {
      fontFamily: "Arial, sans-serif",
      textAlign: "center",
      padding: "2rem",
      minHeight: "100vh",
      transition: "background 0.3s, color 0.3s",
      backgroundColor: theme === "light" ? "#f9f9f9" : "#222",
      color: theme === "light" ? "#222" : "#f9f9f9",
    },
    button: {
      padding: "10px 15px",
      border: "none",
      borderRadius: "8px",
      cursor: "pointer",
      backgroundColor: color,
      color: "#fff",
      margin: "10px",
```

```
      transition: "0.3s",
    },
    colorPicker: {
      margin: "15px",
    },
    previewBox: {
      marginTop: "20px",
    },
  };

  return (
    <div style={styles.app}>
      <h1> Theme Customizer</h1>
      <button style={styles.button} onClick={toggleTheme}>
        Switch to {theme === "light" ? "Dark" : "Light"} Mode
      </button>


      <div style={styles.colorPicker}>
        <label>Pick Accent Color: </label>
        <input
          type="color"
          value={color}
          onChange={(e) => setColor(e.target.value)}
        />
      </div>


      <div style={styles.previewBox}>
        <p style={{ color }}>Preview text with accent color</p>
      </div>
    </div>
  );
}
```

export default App;