DAY 6 CW

import React from 'react'

import ThemeProvider from './components/ThemeProvider'

import ThemeContext from './components/ThemeContext'

import ThemedComponent from './components/ThemedComponent'

function App() {

  return (

    <>

      <ThemeProvider>

        <ThemedComponent/>

      </ThemeProvider>

    </>

  )

}

export default App

import React, { useContext,useState } from 'react'

import ThemeContext from './ThemeContext'

const ThemedComponent = () => {

    const { theme, toggleTheme } = useContext(ThemeContext)

    return (

        <>

         <h2 style={{ backgroundColor: theme === 'dark' ? '#000000' : '#ffffff' }}>

            hello world

        </h2>

            <button onClick={toggleTheme}>CLick here to change theme</button>

            {theme}

        </>

    )

}

export default ThemedComponent

import React, {useState} from "react";

import ThemeContext from "./ThemeContext";

const ThemeProvider = ({ children }) => {

    const [theme, setTheme] = useState('light');

    const toggleTheme = () => {

        setTheme((prevTheme) => (prevTheme === 'light' ? 'dark' : 'light'))

    };

    return (

        <ThemeContext.Provider value={{ theme, toggleTheme }} >

            {children}

        </ThemeContext.Provider >

    )

}

export default ThemeProvider

import { createContext } from "react";

const ThemeContext = createContext();

export default ThemeContext;