Oppgaver øvingstime 3 - React Native

Task 1: Create a Basic Counter App

Objective: Build a simple counter application that can be incremented and decremented.

Instructions:

1. Create a React Native project.
2. Design a screen with a counter display, an increment button, and a decrement button.
3. Implement the logic to increment and decrement the counter.

Optional

4. Seperate the counter logic into a custom hook.

Task 2: Implement a Form with Validation

Objective: Develop a form that takes user input for a name and email, with basic validation.

Instructions:

1. Design a screen with input fields for name and email, and a submit button.
2. Add basic validation (e.g., required fields, valid email format).
3. Display error messages for invalid input, and success for valid input.

Task 3: Build a Note-Taking App

Objective: Create a simple note-taking application where users can add, edit, and delete notes.

Instructions:

1. Design a screen that displays a list of notes with their titles.
2. Add a button to create a new note.
3. Implement functionality to add and delete notes.

Task 4: Implement a Currency Converter

Objective: Create a currency converter app that allows users to enter an amount in one currency and see the equivalent amount in another currency.

Instructions:

1. Design a screen with input fields for amount, and a button to perform the conversion.

2. Integrate a currency exchange rate API (e.g., Open Exchange Rates) to fetch the latest exchange rates. ("https://api.exchangerate-api.com/v4/latest/<din valuta>)
3. Implement the logic to convert the entered amount.

Task 5: Display Current Location

Objective: Develop an app that retrieves and displays the user's current location.

Instructions:

1. Design a screen with a button labeled "Get Current Location".
2. When the page is loaded, use the device's location services to retrieve the current latitude and longitude.
3. Display the latitude and longitude on the screen.