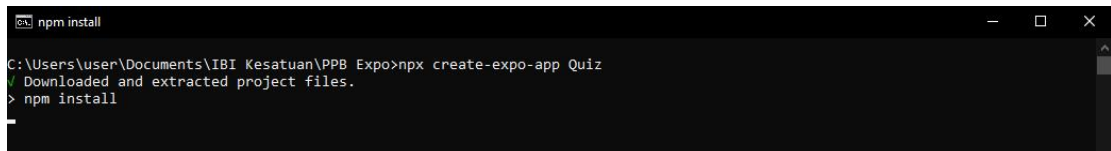


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Quiz

1. Sintaks membuat project react native di CMD



```
npm install
C:\Users\user\Documents\IBI Kesatuan\PPB Expo>npx create-expo-app Quiz
✓ Downloaded and extracted project files.
> npm install
```


2. Sintaks menjalankan program react native



```
Command Prompt
C:\Users\user>npx expo start
```

3. Buat file RCC dengan teks “Sedang melaksanakan Quis”

Source Code:



```
import React, { Component } from "react";
import { StatusBar } from "react-native";
import { SafeAreaView } from "react-native";
import { Text } from "react-native";

class QuisRCC extends Component {
  render() {
    return (
      <SafeAreaView>
        <StatusBar hidden={true} />
        <Text>Sedang melaksanakan Quis</Text>
      </SafeAreaView>
    );
  }
}

export default QuisRCC;
```

Output:



Sedang melaksanakan Quis



4. Buat form yang mampu mengubah output pada nomor 3 menjadi sesuai yang diinputkan.

Source Code:

```
import React, { Component } from "react";
import { StyleSheet } from "react-native";
import { TextInput } from "react-native";
import { View } from "react-native";
import { StatusBar } from "react-native";
import { SafeAreaView } from "react-native";
import { Text } from "react-native";

class QuisRCC extends Component {
  constructor(props) {
    super(props);
    this.state = {
      text: "Quis",
    };
  }

  render() {
    return (
      <SafeAreaView style={Styles.viewContainer}>
        <StatusBar hidden={true} />
        <Text style={Styles.text}>Sedang melaksanakan {this.state.text}</Text>

        <View style={Styles.formContainer}>
          <Text style={Styles.formHeader}>Input Text</Text>
          <TextInput
            placeholder="Input text disini"
            defaultValue={this.state.text}
            autoCapitalize="none"
            style={Styles.form}
            onChangeText={(value) => this.setState({ text: value })}
          />
        </View>
      </SafeAreaView>
    );
  }
}

const Styles = StyleSheet.create({
  viewContainer: {
    flex: 1,
    alignItems: "center",
    justifyContent: "center",
    marginTop: -30,
  },
  text: {
    fontSize: 20,
    fontWeight: "bold",
  },
  formContainer: {
    marginVertical: 70,
  },
  formHeader: {
    fontSize: 18,
    marginBottom: 10,
  },
  form: {
    borderBottomWidth: 2,
    width: 300,
  },
});

export default QuisRCC;
```

Output:

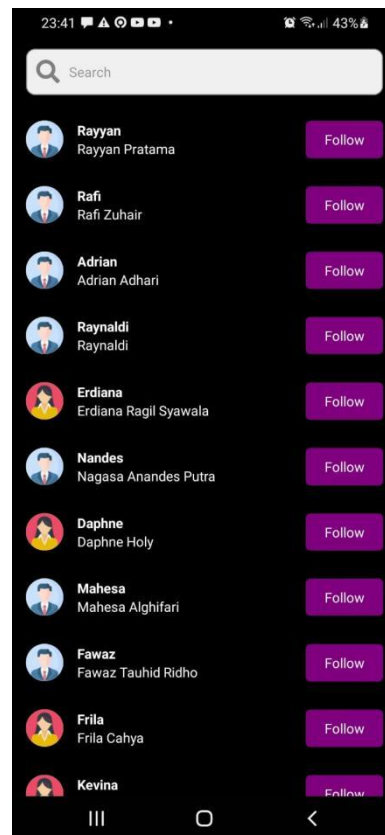
5. Buat script masing-masing satu tentang ScrollView, FlatList, dan SectionList
ScrollView:

```
import React from "react";
import { ScrollView } from "react-native";
import UserStoryItems from "../view/widget/story/UserStoryItems";

const ScrollViewControl = ({ Data }) => {
  return (
    <ScrollView>
      {Data.map((val, index) => (
        <UserStoryItems value={val} key={index} />
      ))}
    </ScrollView>
  );
};

export default ScrollViewControl;
```

Output:



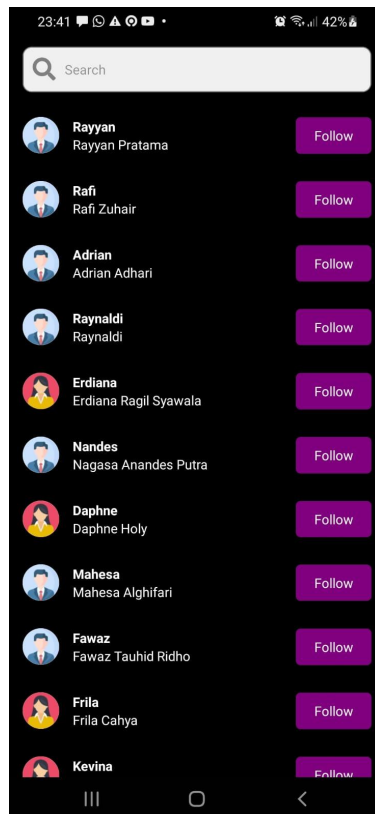
FlatList:

```
import React from "react";
import { FlatList } from "react-native";
import UserStoryItems from "../view/widget/story/UserStoryItems";

const FlatListControl = ({ val }) => {
  return (
    <FlatList
      data={val}
      renderItem={({ item }) => <UserStoryItems value={item} />}
    />
  );
};

export default FlatListControl;
```

Output:



SectionList:

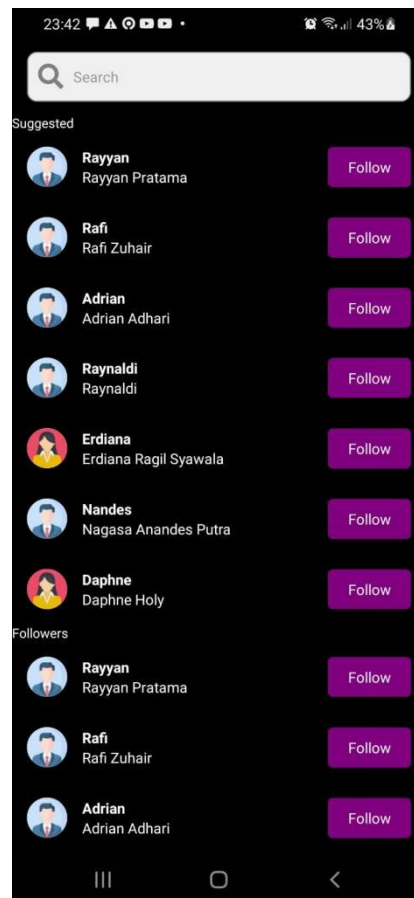
```
import React from "react";
import { SectionList, Text } from "react-native";
import UserStoryItems from "../view/widget/story/UserStoryItems";

const SectionListControl = ({ User }) => {
  const data = [
    { title: "Suggested", data: User },
    { title: "Followers", data: User },
  ];

  return (
    <SectionList
      sections={data}
      renderItem={({ item }) => <UserStoryItems value={item} />}
      renderSectionHeader={({ section: { title } }) => (
        <Text style={{ color: "white" }}>{title}</Text>
      )}
    />
  );
};

export default SectionListControl;
```

Output:



6. Buat form login yang sudah ada validasinya dan jika diklik akan pindah ke menu home

Source Code:

```
import React, { useState } from "react";
import {
  Image,
  Pressable,
  SafeAreaView,
  StyleSheet,
  Text,
  TextInput,
  TouchableOpacity,
  View,
} from "react-native";
import FontAwesome5 from "react-native-vector-icons/FontAwesome5";

const FormLogin = ({ navigation }) => {
  const [emailValid, setEmailValid] = useState("");
  const [passValid, setPassValid] = useState("");

  const [isOpenPass, setOpenPass] = useState(true);

  const EmailValidation = (val) => {
    if (val) {
      const emailRegex =
        /^(?!(~|<|>|\"|\\|\/|\.|:|@|_|!|,|;|'|\(|\)|\{|\}|\[|\]|`|~|\^|\$|\%|\&|\*|\+|=|<|>|<\/p>
<\/div>
```

Output:

Login Page:

04:13

32%

Login Page



Welcome!

Email

212310034@student.ibik.ac.id

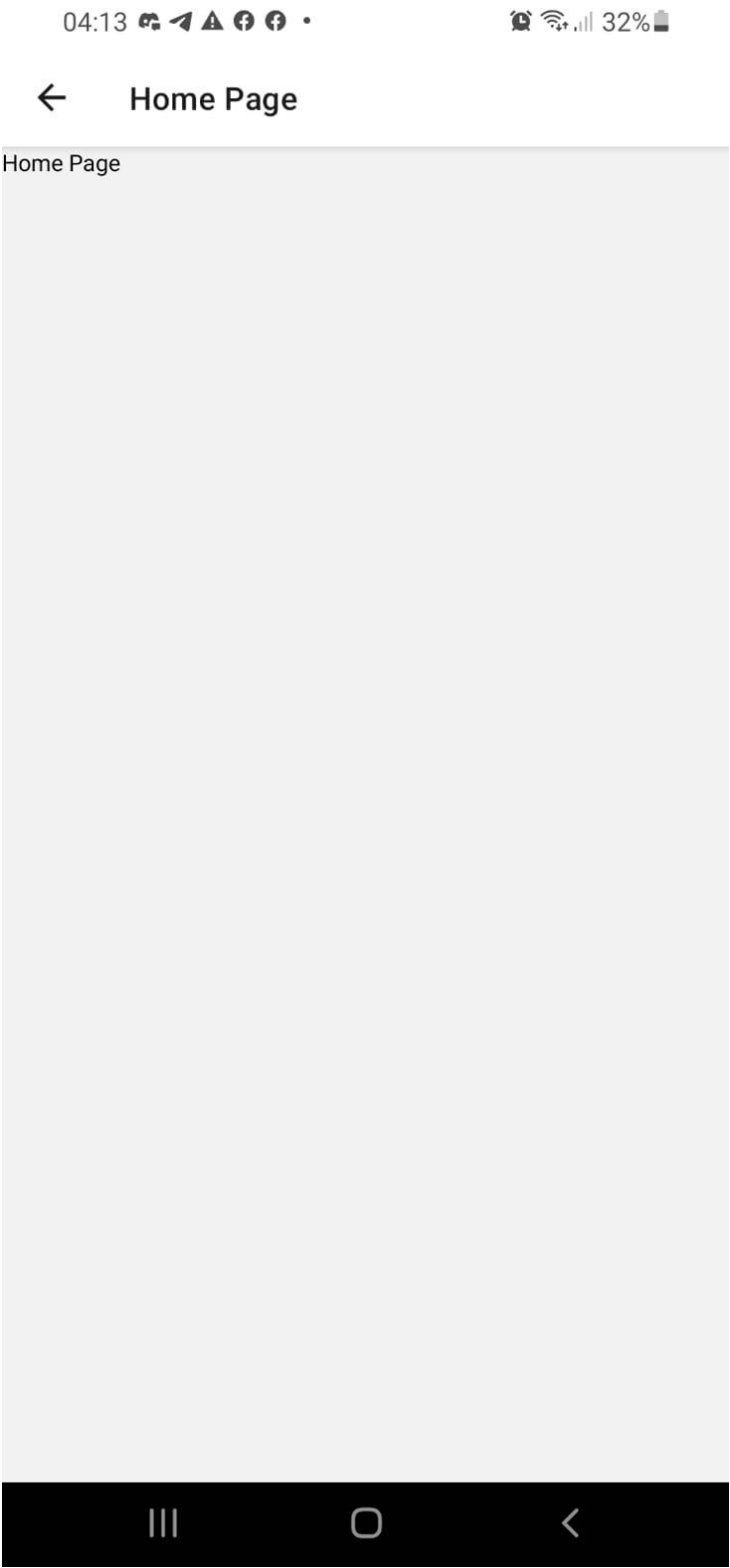
Password

.....



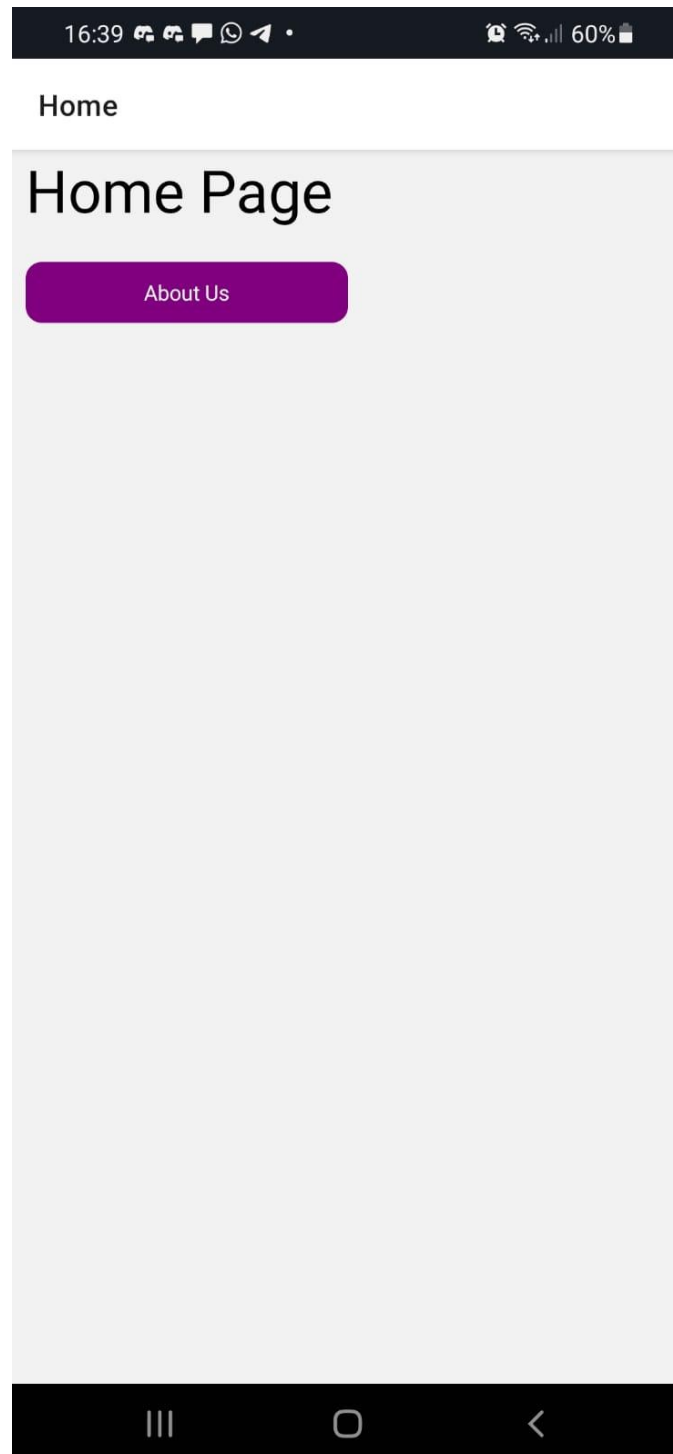
Sign In

Home:



7. Buat contoh navigasi masing-masing 1.

Home:



About Us:

