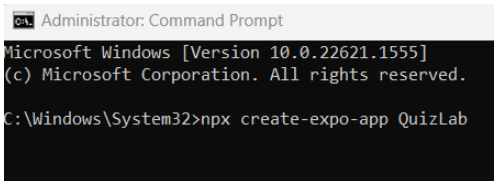
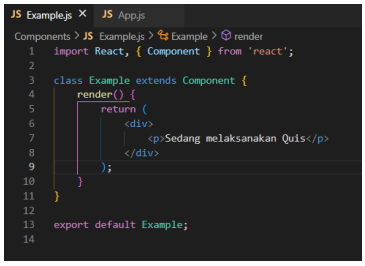
Muhamad fauzan rindu maulana, 212310011, TI-21-PA

1. Membuat Project baru



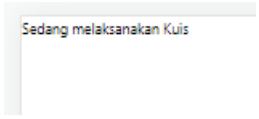
2. Menjalankan Project

3. Membuat React Function Components yang memiliki ouput

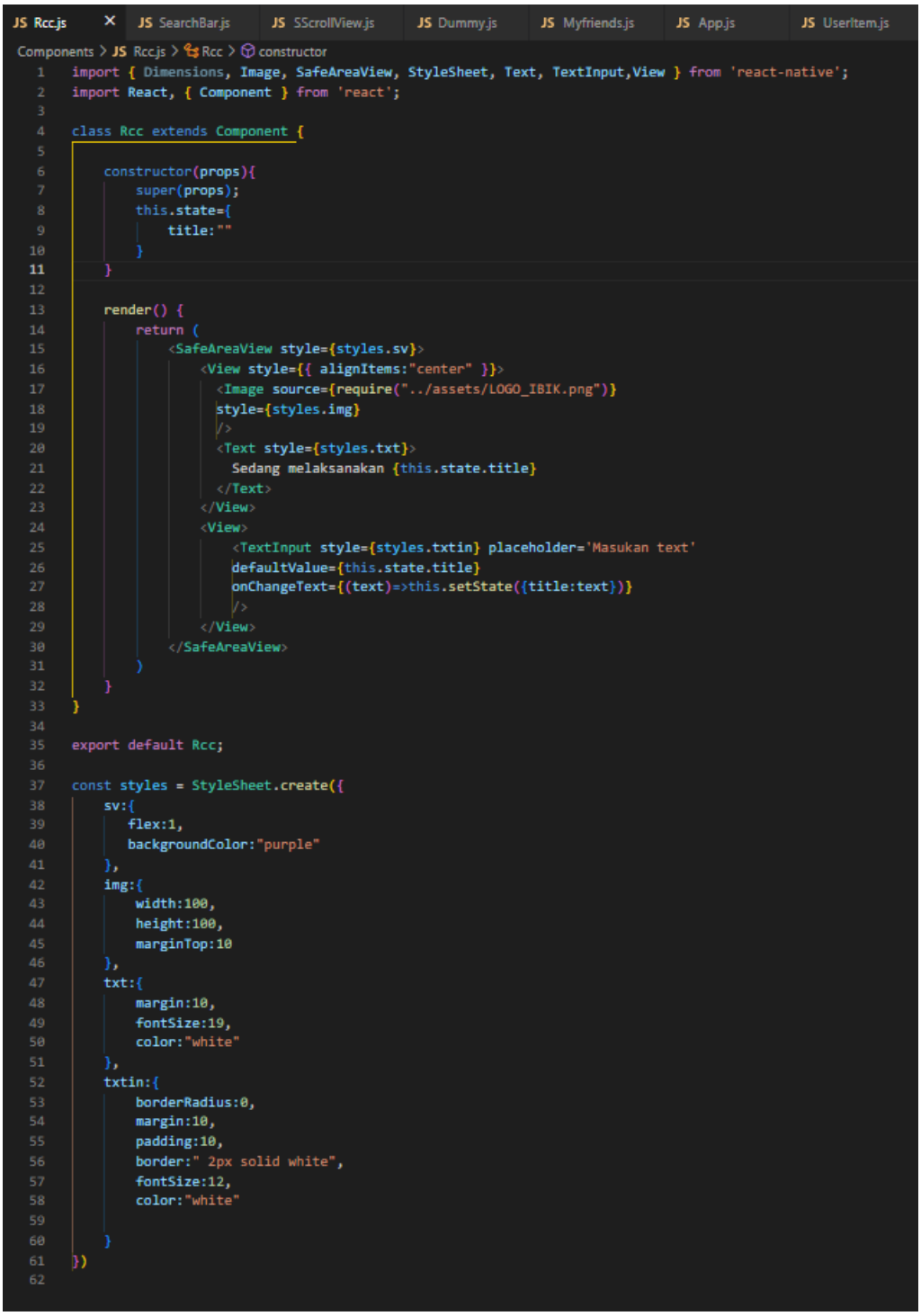


Lalu Menampilkannya di Main program(App.js)

Hasil no 3



4. Mengubah form output pad No 3 dan menjadi sesuai yang diinputkan

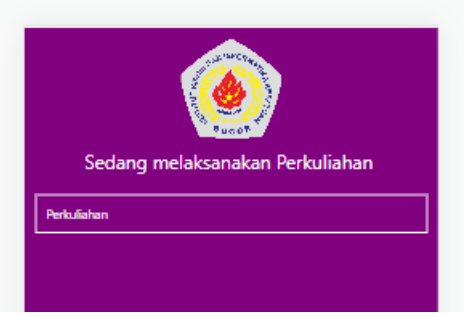


JS Rcc.js | JS SearchBar.js | JS SScrollView.js | JS Dummy.js | JS Myfriends.js | JS App.js | JS UserItem.js

Components > JS Rcc.js > Rcc > constructor

```
import { Dimensions, Image, SafeAreaView, StyleSheet, Text, TextInput,View } from 'react-native';
import React, { Component } from 'react';

class Rcc extends Component {

    constructor(props){
        super(props);
        this.state={
            title:""
        }
    }

    render() {
        return (
            <SafeAreaView style={styles.sv}>
                <View style={{ alignItems:"center" }}>
                  <Image source={require("../assets/LOGO_IBIK.png")}
                  style={styles.img}
                  />
                  <Text style={styles.txt}>
                    Sedang melaksanakan {this.state.title}
                  </Text>
                </View>
                <View>
                    <TextInput style={styles.txtin} placeholder='Masukan text'
                    defaultValue={this.state.title}
                    onChangeText={(text)=>this.setState({title:text})}
                    />
                </View>
            </SafeAreaView>
        )
    }
}

export default Rcc;

const styles = StyleSheet.create({
    sv:{
       flex:1,
       backgroundColor:"purple"
    },
    img:{
        width:100,
        height:100,
        marginTop:10
    },
    txt:{
        margin:10,
        fontSize:19,
        color:"white"
    },
    txtin:{
        borderRadius:0,
        margin:10,
        padding:10,
        border:" 2px solid white",
        fontSize:12,
        color:"white"

    }
})
```

Hasil No 4



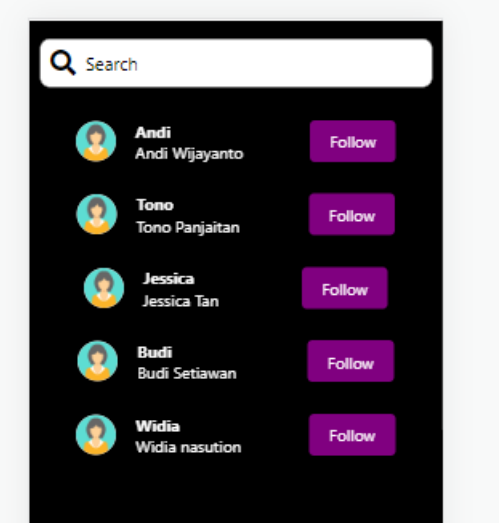
5. Scrool View

JS Rcc.js | JS SearchBar.js | JS SScrollView.js | JS Dummy.js

Src > No5 > Components > Friends > Widgets > JS SScrollView.js > ...

```
import { ScrollView,View } from "react-native";
import React from 'react';
import UserItem from "./UserItem";

const SScrollView = ({Users}) => {
    return (
        <ScrollView>
            {Users.map((v,index)=>(
                <UserItem item={v} key={index} />
            ))}
        </ScrollView>
    );
};

export default SScrollView;
```

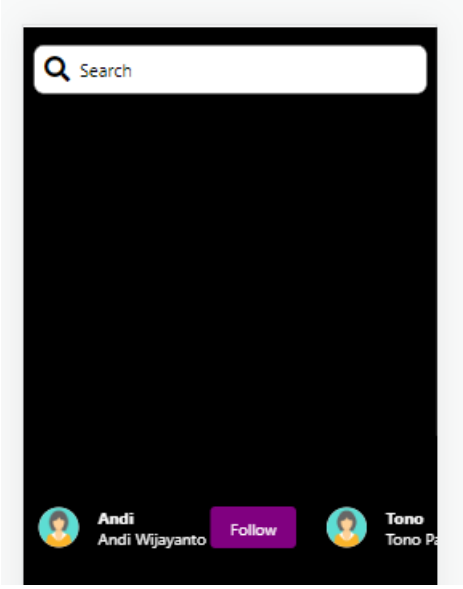
Hasil No 5 ScroolView



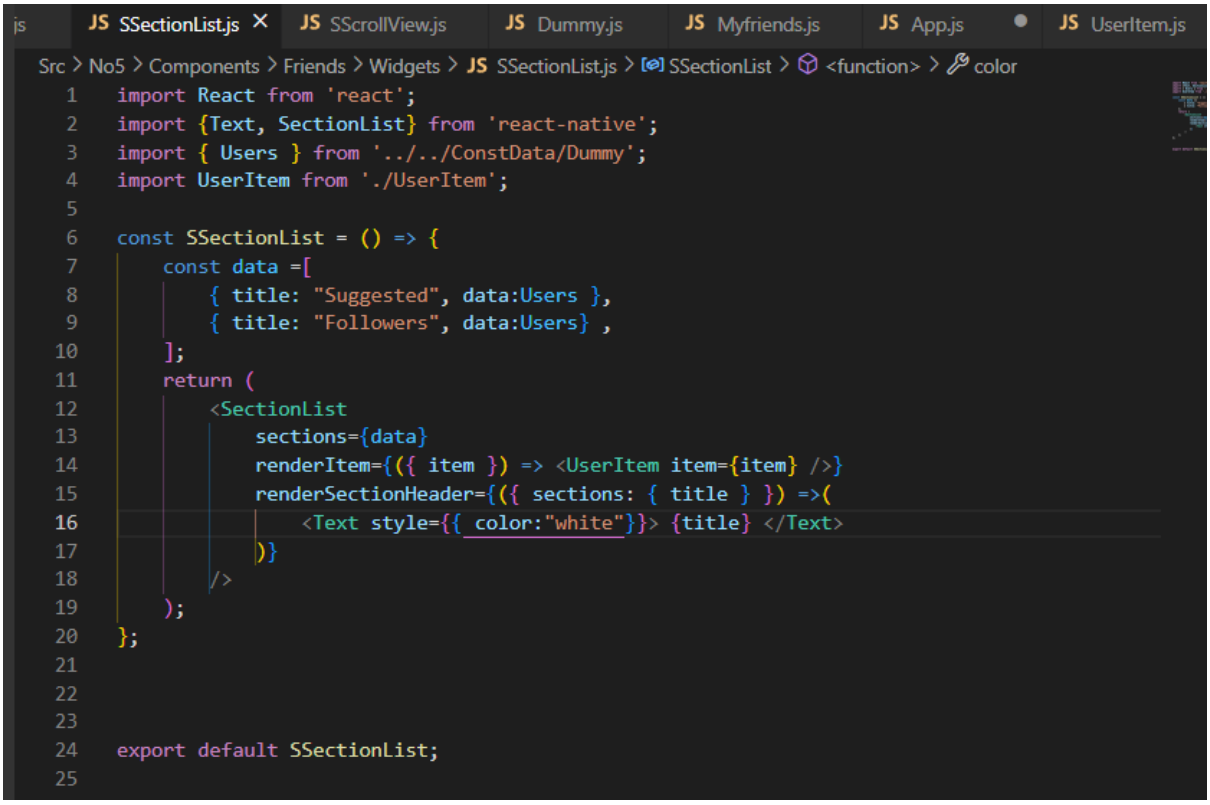
FlatList

```
JS Rcc.js | JS SearchBar.js | JS FFlatList.js × | JS SScrollView.js | JS Dummy.js | JS Myfriends.js | JS App.js | JS UserItem.js
Src > No5 > Components > Friends > Widgets > JS FFlatList.js > FFlatList
1   import { FlatList } from "react-native";
2   import React from 'react';
3   import UserItem from "./UserItem";
4
5   const FFlatList = ({users}) => {
6       return (
7           <FlatList data={users}  horizontal={true} renderItem={({item}) => <UserItem item={item} />} />
8       )
9   }
10
11
12  export default FFlatList;
13
```

Hasil No 5 FlatList

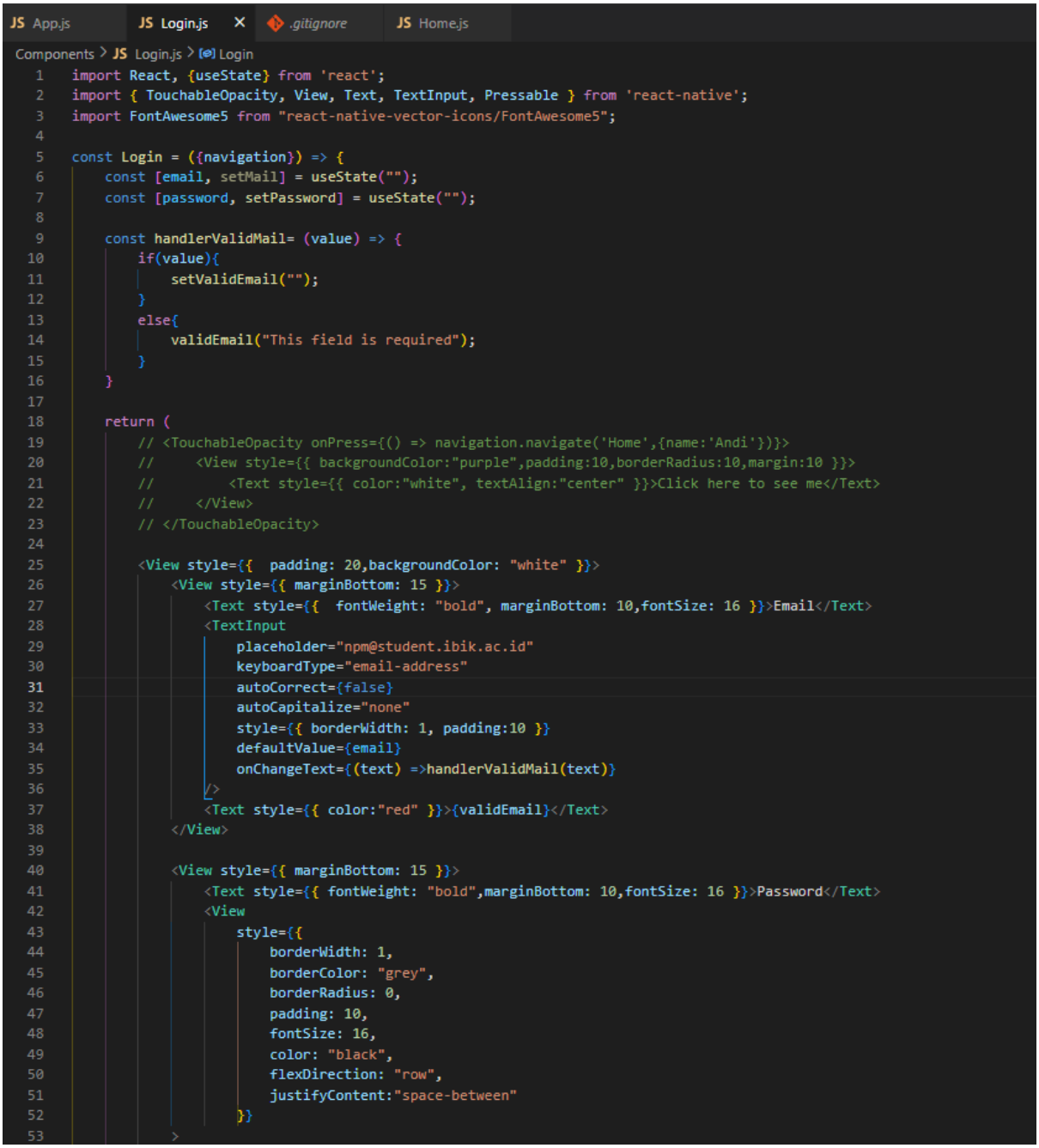


SelectionList

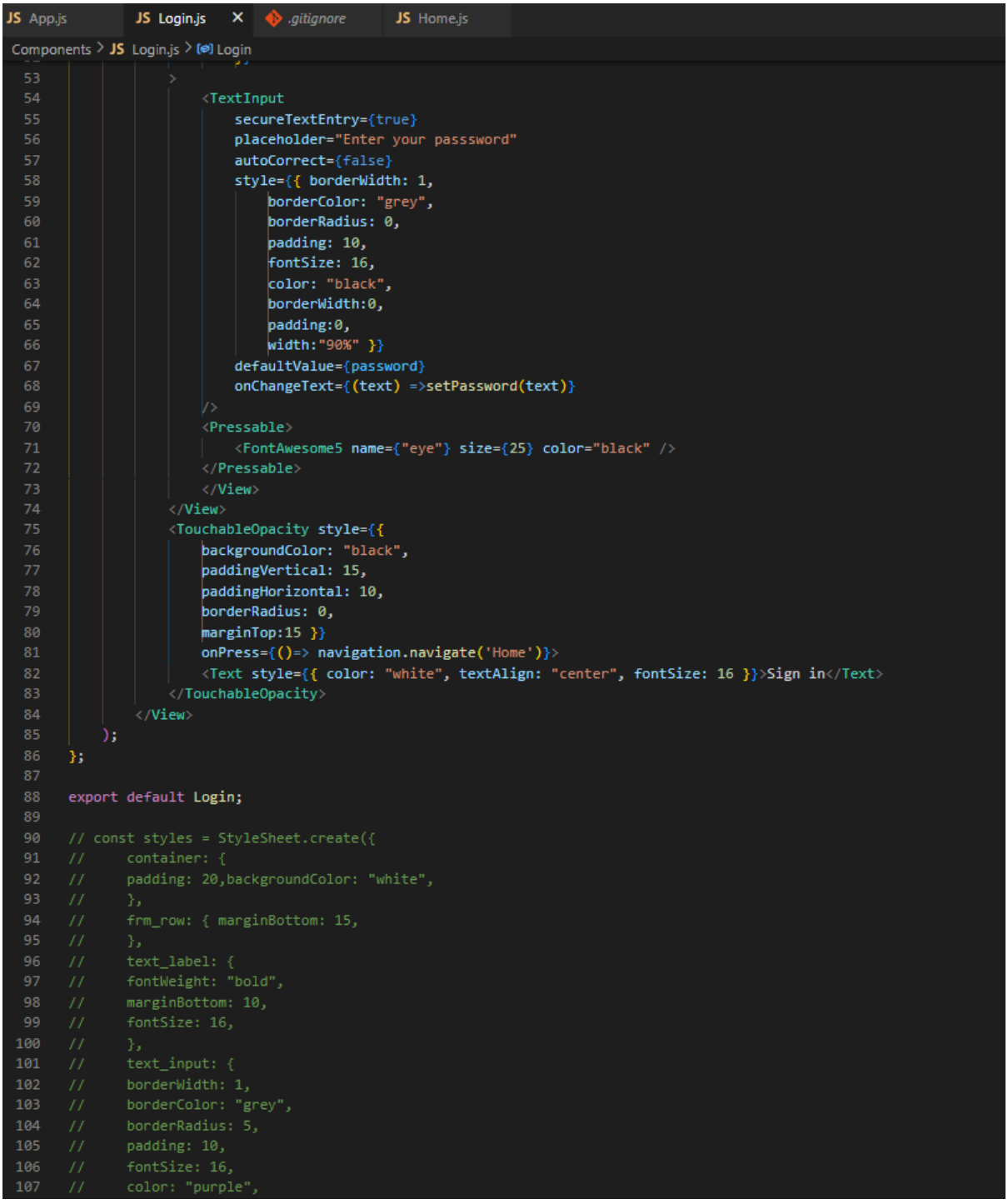


Hasil No 5 SectionList

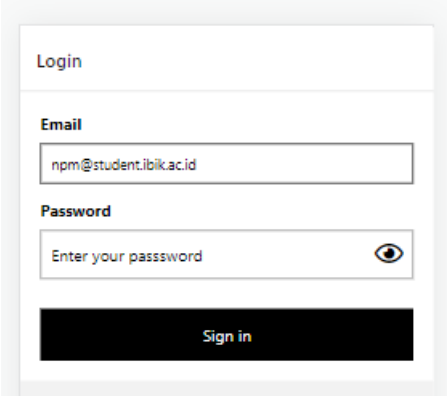
6. Form Login Validasi dan pindah ke menu Home

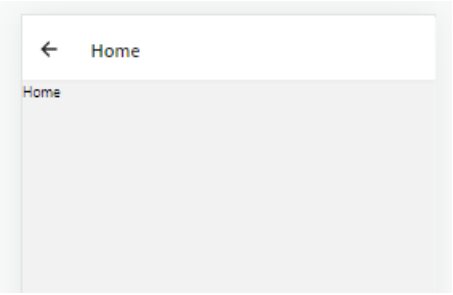


```
JS App.js   JS Login.js   .gitignore   JS Home.js
Components > JS Login.js > Login
1  import React, {useState} from 'react';
2  import { TouchableOpacity, View, Text, TextInput, Pressable } from 'react-native';
3  import FontAwesome5 from "react-native-vector-icons/FontAwesome5";
4
5  const Login = ({navigation}) => {
6      const [email, setMail] = useState("");
7      const [password, setPassword] = useState("");
8
9      const handlerValidMail= (value) => {
10         if(value){
11             setValidEmail("");
12         }
13         else{
14             validEmail("This field is required");
15         }
16     }
17
18     return (
19         // <TouchableOpacity onPress={() => navigation.navigate('Home',{name:'Andi'})}>
20         //     <View style={{ backgroundColor:"purple",padding:10,borderRadius:10,margin:10 }}>
21         //         <Text style={{ color:"white", textAlign:"center" }}>Click here to see me</Text>
22         //     </View>
23         // </TouchableOpacity>
24
25         <View style={{  padding: 20,backgroundColor: "white" }}>
26             <View style={{ marginBottom: 15 }}>
27                 <Text style={{  fontWeight: "bold", marginBottom: 10,fontSize: 16 }}>Email</Text>
28                 <TextInput
29                     placeholder="npm@student.ibik.ac.id"
30                     keyboardType="email-address"
31                     autoCorrect={false}
32                     autoCapitalize="none"
33                     style={{ borderWidth: 1, padding:10 }}
34                     defaultValue={email}
35                     onChangeText={(text) =>handlerValidMail(text)}
36                 />
37                 <Text style={{ color:"red" }}>{validEmail}</Text>
38             </View>
39
40             <View style={{ marginBottom: 15 }}>
41                 <Text style={{ fontWeight: "bold",marginBottom: 10,fontSize: 16 }}>Password</Text>
42                 <View
43                     style={{
44                         borderWidth: 1,
45                         borderColor: "grey",
46                         borderRadius: 0,
47                         padding: 10,
48                         fontSize: 16,
49                         color: "black",
50                         flexDirection: "row",
51                         justifyContent:"space-between"
52                     }}
53                 >
```

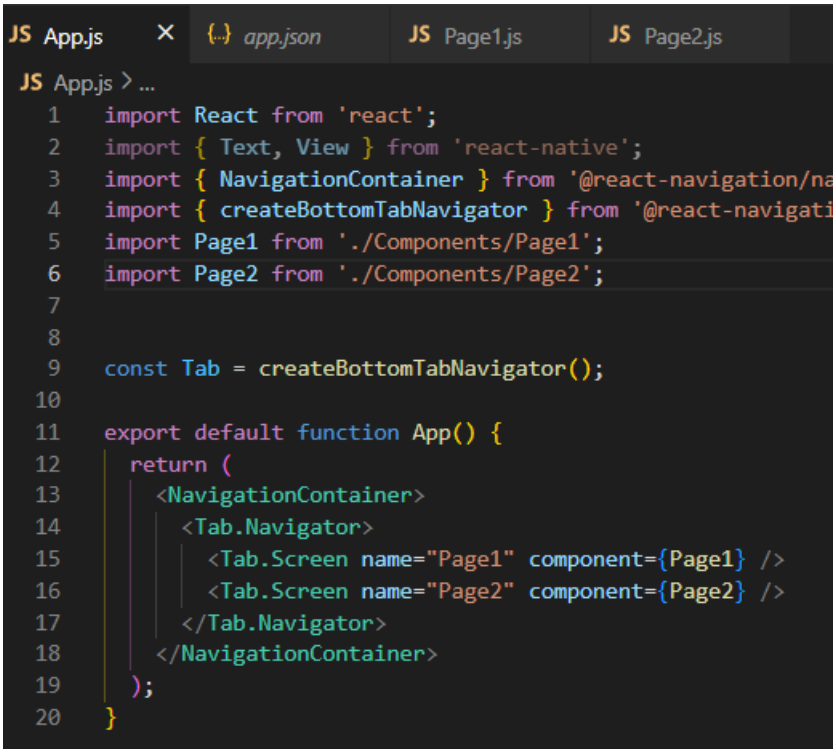

App.js
Login.js
.gitignore
Home.js
Components > Login.js > Login
53 >
54 <TextInput
55 secureTextEntry={true}
56 placeholder="Enter your passsword"
57 autoCorrect={false}
58 style={{ borderWidth: 1,
59 borderColor: "grey",
60 borderRadius: 0,
61 padding: 10,
62 fontSize: 16,
63 color: "black",
64 borderWidth:0,
65 padding:0,
66 width:"90%" }}
67 defaultValue={password}
68 onChangeText={(text) =>setPassword(text)}
69 />
70 <Pressable>
71 <FontAwesome5 name={"eye"} size={25} color="black" />
72 </Pressable>
73 </View>
74 </View>
75 <TouchableOpacity style={{
76 backgroundColor: "black",
77 paddingVertical: 15,
78 paddingHorizontal: 10,
79 borderRadius: 0,
80 marginTop:15 }}
81 onPress={()=> navigation.navigate('Home')}>
82 <Text style={{ color: "white", textAlign: "center", fontSize: 16 }}>Sign in</Text>
83 </TouchableOpacity>
84 </View>
85);
86 };
87
88 export default Login;
89
90 // const styles = StyleSheet.create({
91 // container: {
92 // padding: 20,backgroundColor: "white",
93 // },
94 // frm_row: { marginBottom: 15,
95 // },
96 // text_label: {
97 // fontWeight: "bold",
98 // marginBottom: 10,
99 // fontSize: 16,
100 // },
101 // text_input: {
102 // borderWidth: 1,
103 // borderColor: "grey",
104 // borderRadius: 5,
105 // padding: 10,
106 // fontSize: 16,
107 // color: "purple",

Hasil no 6 Form





7. Buatlah contoh Navigasi masing masing 1



App.js | Page1.js | Page2.js

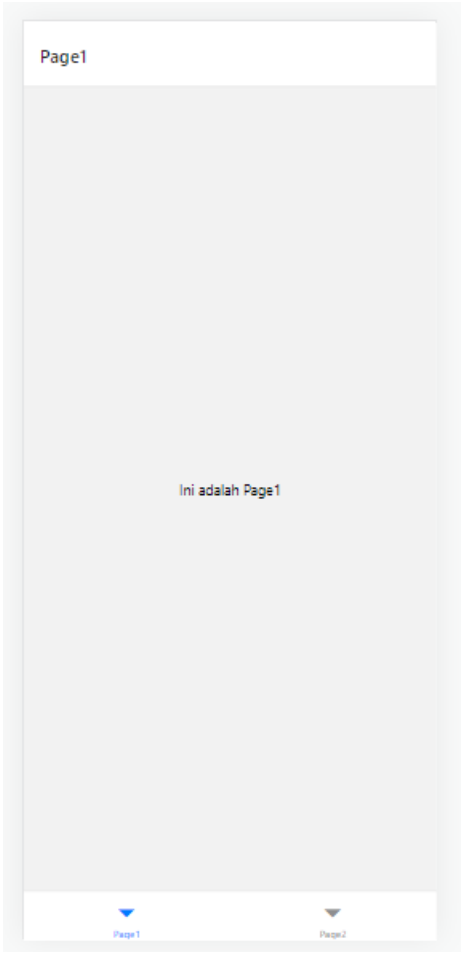
Components > Page1.js > Page1

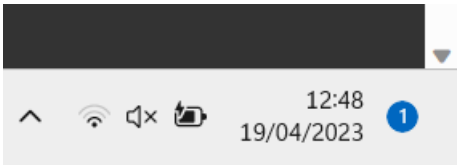
```
1
2   import { View,Text,Button } from 'react-native';
3   import React from 'react';
4
5   const Page1 = ({navigation}) => {
6       return (
7           <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>
8         <Text>Ini adalah Page1</Text>
9         {/* <Button
10          title="Go to Page2"
11          onPress={() => navigation.navigate('Page2')}
12        /> */}
13      </View>
14      );
15  }
16
17  export default Page1;
18
```

App.js | Page1.js | Page2.js

Components > Page2.js > Page2

```
1   import { View,Text,Button } from 'react-native';
2   import React from 'react';
3
4   const Page2 = ({navigation}) => {
5       return (
6       <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>
7         <Text>Ini adalah Page2</Text>
8         {/* <Button title="Go to Page1" onPress={() => navigation.navigate('Page1')} /> */}
9       </View>
10      );
11  }
12
13  export default Page2;
```


Page1
Ini adalah Page1
Page1
Page2


12:48
19/04/2023
1