

Bagas aji satrio wardhana  
Ti-21-Pa  
212310009

1.)

```
C:\Windows\System32\cmd.e X + v
Microsoft Windows [Version 10.0.22621.1413]
(c) Microsoft Corporation. All rights reserved.

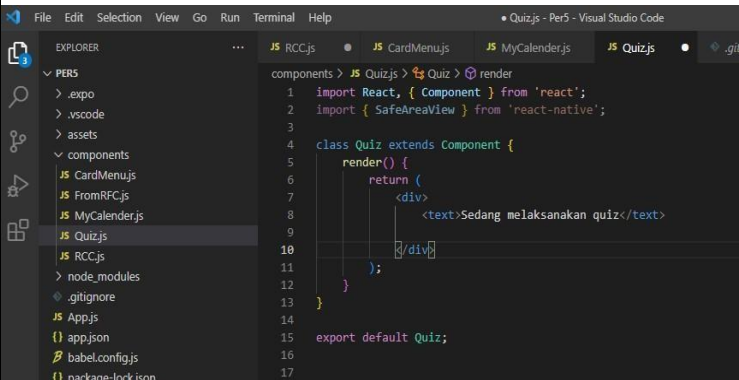
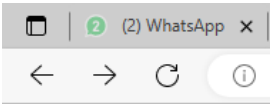
D:\S4\lab. ppb\212310002>npx create-expo-app my-app
```

2.)

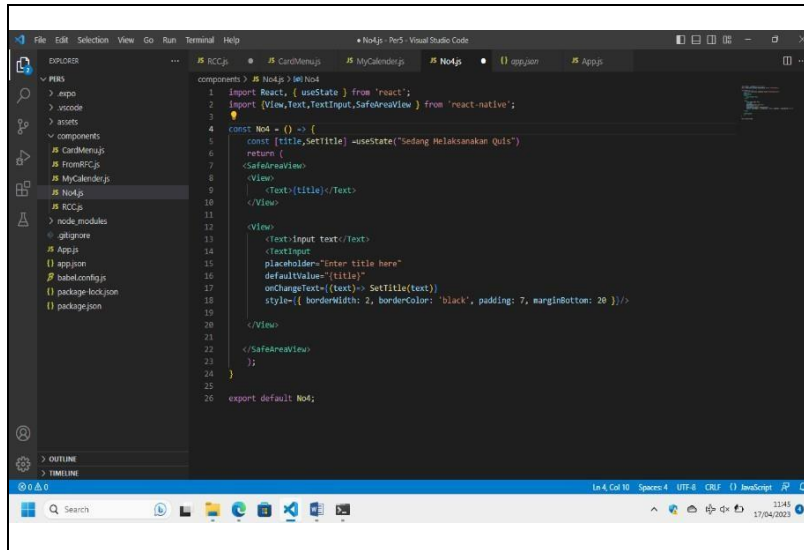
```
C:\Windows\System32\cmd.e X + v
Microsoft Windows [Version 10.0.22621.1413]
(c) Microsoft Corporation. All rights reserved.

D:\S4\lab. ppb\212310002>npm start
```

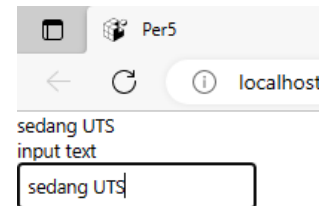
3.)

	 <p>Sedang melaksanakan quiz</p>
---	---

4.)



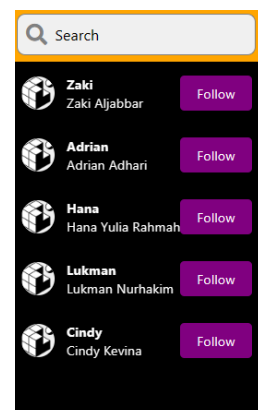
```
1 import React, { useState } from 'react';
2 import { View, Text, TextInput, SafeAreaView } from 'react-native';
3
4 const No4 = () => {
5   const [title, setTitle] = useState("Sedang Melakukan Quiz")
6   return (
7     <SafeAreaView>
8       <View>
9         <Text>{title}</Text>
10      </View>
11      <View>
12        <Text>input text</Text>
13        <TextInput>
14          placeholder="inter title here"
15          defaultValue="title"
16          onChangeText={(text) => setTitle(text)}
17          style={ { borderWidth: 2, borderColor: 'black', padding: 7, marginBottom: 20 } }
18        </TextInput>
19      </View>
20    </SafeAreaView>
21  );
22 }
23
24 export default No4;
```



5.)

dummy

```
const Users = [
  { id: 1, name: "Zaki", fullname: "Zaki Aljabbar",
gender: "M" },
  { id: 2, name: "Adrian", fullname: "Adrian Adhari",
gender: "M"},
  { id: 3, name: "Hana", fullname: "Hana Yulia Rahmah",
gender: "F"},
  { id: 4, name: "Lukman", fullname: "Lukman Nurhakim",
gender: "M"},
  { id: 5, name: "Cindy", fullname: "Cindy Kevina",
gender: "F" }
];
```



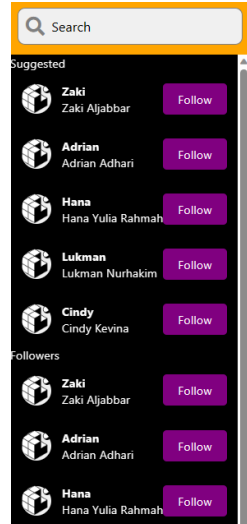
```
export {Users}
```

#### Expflatlist

```
import React from "react";
import { FlatList } from "react-native";
import { Users } from "../../const-data/Dummy";
import UserItems from "./UserItems";

const ExpFlatList = () => {
  return (
    <FlatList
      data={Users}
      renderItem={({ item }) => <UserItems item={item}
    />
    />
  );
};

export default ExpFlatList;
```



#### expscrollvist

```
import { ScrollView } from "react-native";
import React from "react";
// import { Users } from "../../const-data/User";
import UserItems from "./UserItems";

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

export default ExpScrollView;
```

#### Expsectionlist

```
import React from "react";
import { SectionList, Text } from "react-native";
import { Users } from "../../const-data/Dummy";
import UserItems from "./UserItems";

const ExpSectionList = () => {
  const data = [
    { title: "Suggested", data: Users },
    { title: "Followers", data: Users },
  ];
};
```

```

return (
  <SectionList
    sections={data}
    renderItem={({ item }) => <UserItems item={item}
  />}
    renderSectionHeader={({ section: { title } }) => (
      <Text style={{ color: "white", fontSize: 16
    }}>{title}</Text>
    )}
  />
);
};

export default ExpSectionList;

```

#### Searchbar

```

import React from "react";
import { View, StyleSheet, TextInput } from "react-
native";
import FontAwesome5 from "react-native-vector-
icons/FontAwesome5";

const SearchBar = () => {
  return (
    <View style={styles.search_box}>
      <FontAwesome5 name={"search"} size={25}
color="grey" />
      <TextInput style={styles.search_input}
placeholder="Search" />
    </View>
  );
};

export default SearchBar;

```

```

const styles = StyleSheet.create({
  search_box: {
    padding: 10,
    flexDirection: "row",
    borderWidth: 1,
    borderColor: "grey",
    borderRadius: 10,
    backgroundColor: "#f0f0f0",
  },
  search_input: { fontSize: 18, width: "90%", color:
"black", marginLeft: 10 },
});

```

#### userItem

```

import React from "react";
import { View, Text, Image, TouchableOpacity, StyleSheet
} from "react-native";

const UserItems = ({ item }) => {
  return (
    <View style={styles.search_container}>
      <View style={styles.search_account}>
        <Image
          source={require("../assets/favicon.png")}
          style={styles.story_ava}
        />
        <View>
          <Text style={{ ...styles.story_name,
fontWeight: "bold" }}>
            {item.name}
          </Text>
          <Text
style={styles.story_name}>{item.fullname}</Text>
        </View>
      </View>
      <View>
        <TouchableOpacity activeOpacity={0.6}
style={styles.btn_follow}>
          <Text style={styles.story_name}>Follow</Text>
        </TouchableOpacity>
      </View>
    </View>
  );
};

export default UserItems;

const styles = StyleSheet.create({
  search_container: {
    flexDirection: "row",
    justifyContent: "space-between",
    alignItems: "center",
    padding: 15,
  },
  search_account: {
    flexDirection: "row",
    justifyContent: "flex-start",
    alignItems: "center",
  },
  story_ava: {
    width: 40,
    height: 40,
  },
});

```

```

        borderRadius: 100,
        backgroundColor: "#f0f0f0",
        marginRight: 15,
    },
    story_name: {
        fontSize: 16,
        color: "white",
        textAlign: "left",
    },
    btn_follow: {
        backgroundColor: "purple",
        paddingHorizontal: 20,
        paddingVertical: 10,
        borderRadius: 5,
    },
  },
});

```

MyFriends

```

import React, { Component } from "react";
import { View, StatusBar, SafeAreaView, StyleSheet } from
"react-native";
import ExpScrollView from "../widgets/ExpScrollView";
import SearchBar from "../widgets/SearchBar";
import { Users } from "../const-data/Dummy";
import ExpSectionList from "../widgets/ExpSectionList";
import ExpFlatList from "../widgets/ExpFlatList";

class MyFriends extends Component {
  render() {
    return (
      <SafeAreaView style={styles.container}>
        <StatusBar hidden={false} style="light" />
        <View style={styles.header}>
          <SearchBar />
        </View>
        <View style={styles.body}>

          { /* <ExpFlatList/> */ }
          { /* <ExpScrollView Users={Users} /> */ }

          <ExpSectionList />
        </View>
      </SafeAreaView>
    );
  }
}

export default MyFriends;

```

```
const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "black",
  },
  header: {
    flex: 1,
    justifyContent: "center",
    paddingHorizontal: 10,
    backgroundColor: "orange",
  },
  body: {
    flex: 10,
    backgroundColor: "black",
  },
});
```

6.) input

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

const LogIn = () => {
  const [email, setEmail] = useState("");
  const [password, setPassword] = useState("");
  const [loggedIn, setLoggedIn] = useState(false);

  const handleSignIn = () => {
    if (email === "212310002@student.ibik.ac.id" && password === "123") {
      setLoggedIn(true);
    } else {
      alert("Login failed");
    }
  };

  if (loggedIn) {
    return (
      <View>
        <Text>Welcome to Home Page</Text>
      </View>
    );
  }
}
```

```

return (
  <View style={styles.container}>
    <View style={styles.frm_row}>
      <Text style={styles.text_label}>Email </Text>
      <TextInput
        placeholder="npm@student.ibik.ac.id"
        keyboardType="email-address"
        autoCorrect={false}
        autoCapitalize="none"
        style={styles.text_input}
        defaultValue={email}
        onChangeText={(text) => setEmail(text)}
      />
    </View>
    <View style={styles.frm_row}>
      <Text style={styles.text_label}>Password</Text>
      <View
        style={{
          ...styles.text_input,
          flexDirection: "row",
          justifyContent: "space-between",
        }}
      >
        <TextInput
          secureTextEntry={true}
          placeholder="Enter your password"
          autoCorrect={false}
          style={{ ...styles.text_input, borderWidth: 0, padding: 0,
width: "90%" }}
          defaultValue={password}
          onChangeText={(text) => setPassword(text)}
        />
        <Pressable>
          <FontAwesome5 name={"eye"} size={25} color="grey" />
        </Pressable>
      </View>
    </View>
    <TouchableOpacity style={styles.btn_signin} onPress={() =>
handleSignIn()}>
      <Text style={styles.btn_signin_text}>LogIn</Text>
    </TouchableOpacity>
  </View>
);
};

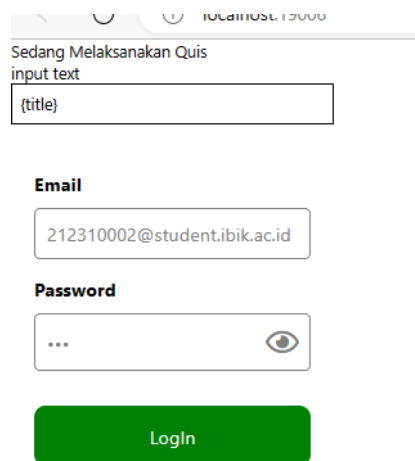
export default LogIn;

```



```
const styles = StyleSheet.create({
  container: {
    padding: 20,
    backgroundColor: "white",
  },
  frm_row: { marginBottom: 15 },
  text_label: {
    fontWeight: "bold",
    marginBottom: 10,
    fontSize: 16,
  },
  text_input: {
    borderWidth: 1,
    borderColor: "grey",
    borderRadius: 5,
    padding: 10,
    fontSize: 16,
    color: "grey",
  },
  btn_signin: {
    backgroundColor: "pink",
    paddingVertical: 15,
    paddingHorizontal: 10,
    borderRadius: 10,
    marginTop: 15,
  },
  btn_signin_text: { color: "white", textAlign: "center", fontSize: 16 },
});
```

## Output:



Sedang Melaksanakan Quis


input text

{title}

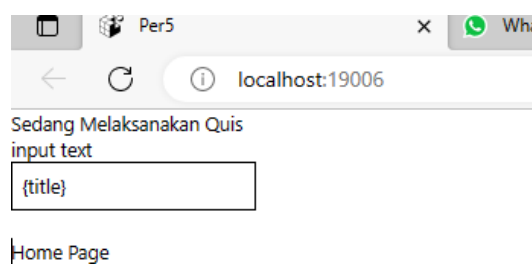
**Email**

212310002@student.ibik.ac.id

**Password**

... 

Login



Sedang Melaksanakan Quis

input text

{title}

Home Page

7.)

```
import React from 'react';
import { Text } from 'react-native';

const Page2 = ({navigation, route}) => {
  return <Text>This is {route.params.name}'s profile</Text>
}

export default Page2;
```

```
al Help Page1.js - Praktikum-4 - Visual Studio Code
MyFriends.js JS App.js JS Page2.js JS Page1.js X JS ExpFlatList.js
Components > JS Page1.js > Page1 > <function> > name
1 import React from 'react';
2 import { Text, View } from 'react-native';
3 import { TouchableOpacity } from 'react-native-gesture-handler';
4 import { DefaultNavigatorOptions } from '@react-navigation/native';
5
6 const Page1 = ({navigation}) => {
7   return (
8     <TouchableOpacity onPress={() => navigation.navigate('Page2', {name: 'Lukman'})}>
9       <View style={{ backgroundColor:"red", padding:10, borderRadius:10, margin:10}}>
10         <Text style={{color:"white", textAlign:"center"}}>click here to see me</Text>
11       </View>
12     </TouchableOpacity>
13   );
14 }
```

```
import { NativeStackNavigationOptions, NativeStackNavigationEventMap, ({ id, initialRouteName,
import { children, screenListeners, screenOptions, ...rest }: NativeStackNavigatorProps) =>
import My JSX.Element>
import { import createNativeStackNavigator
import { createNativeStackNavigator } from "@react-navigation/native-stack";
import Page1 from "../components/Page1";
import Page2 from "../components/Page2";
import { createBottomTabNavigator } from "@react-navigation/bottom-tabs";
import React from "react";
```

Output:

welcome

click here to see me

