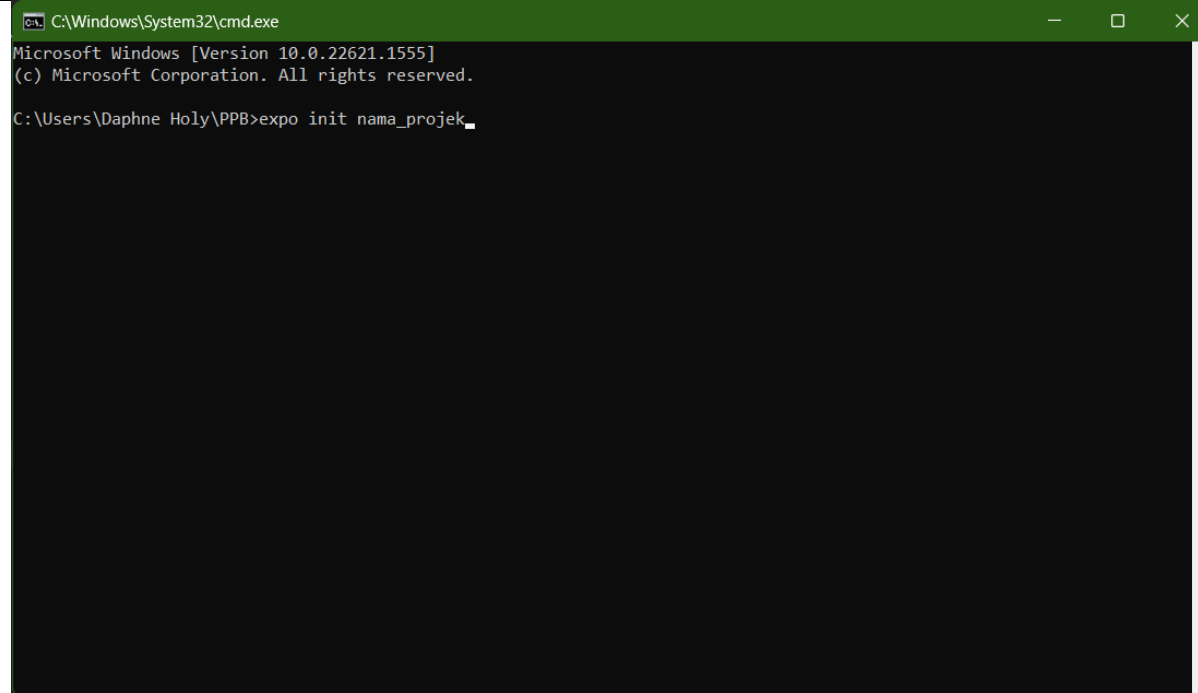


Nama: Daphne Holy  
NPM: 212310030

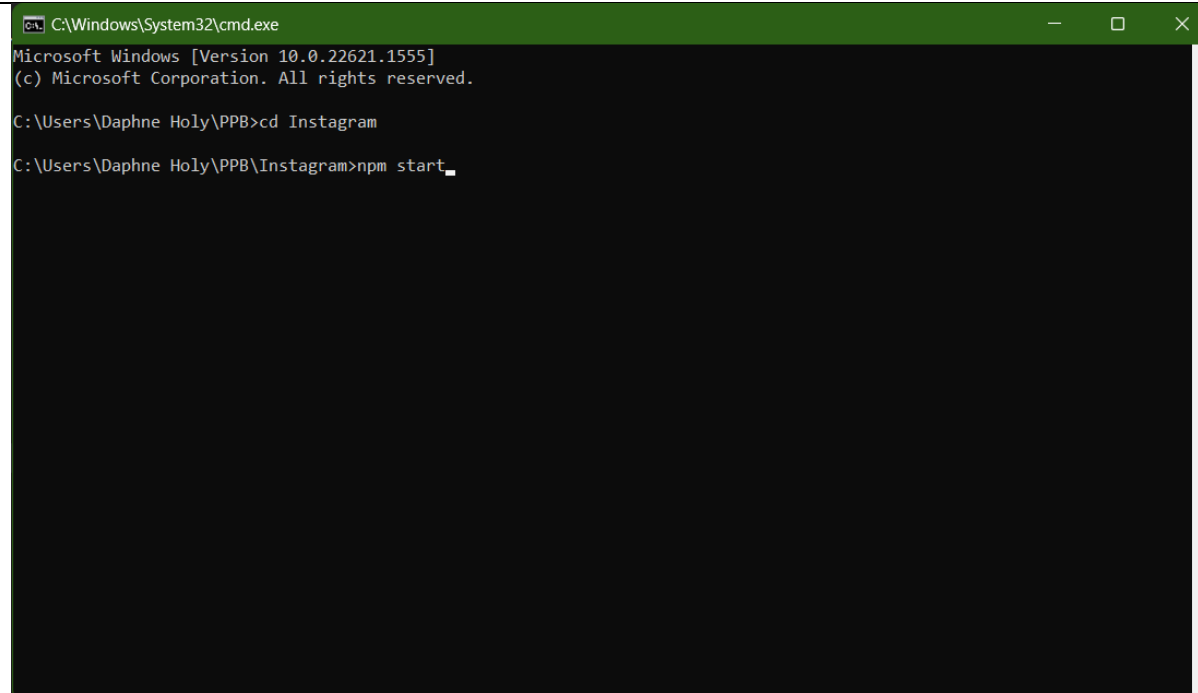
No 1



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.1555]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Daphne Holy\PPB>expo init nama_projek_
```

No 2



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.1555]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Daphne Holy\PPB>cd Instagram
C:\Users\Daphne Holy\PPB\Instagram>npm start_
```

No 3

Nama: Daphne Holy  
NPM: 212310030

```
1 import React, { Component } from 'react';
2 import { View, StyleSheet, Text } from 'react-native';
3
4 class Quiz extends Component {
5   render() {
6     return (
7       <View>
8         <Text>
9           Sedang Melaksanakan Tugas
10         </Text>
11       </View>
12     );
13   }
14 }
15
16 const styles = StyleSheet.create({})
17
18 export default Quiz;
```

in main(RootComponent), js engine: hermes  
Android bundling complete 20ms

Sedang Melaksanakan Tugas

No 4

Nama: Daphne Holy  
NPM: 212310030

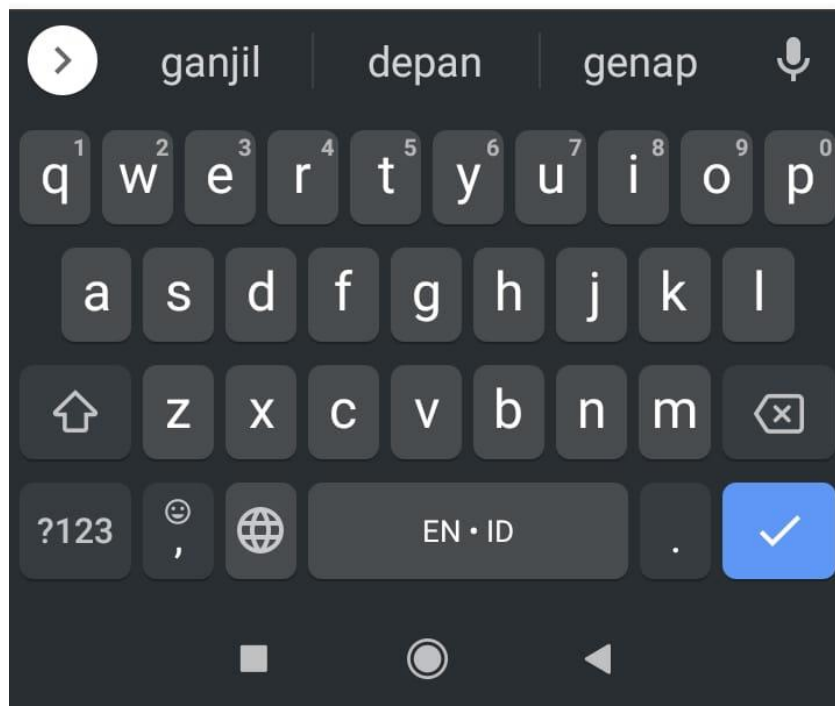


10:37 AM



Sedang Melaksanakan Ujian Tengah Semester  
Title:

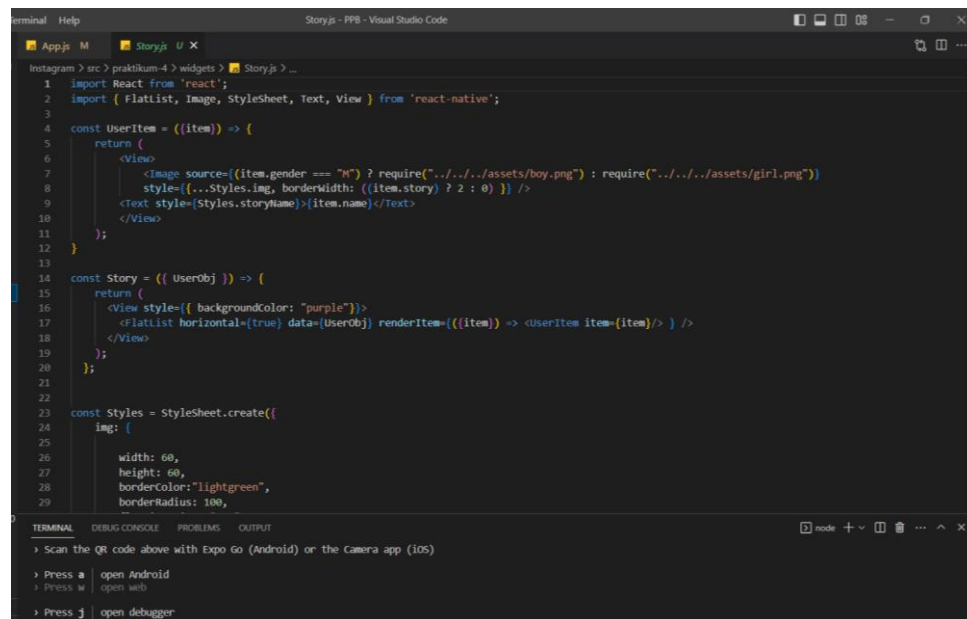
Sedang Melaksanakan Ujian Tengah Semester



Nama: Daphne Holy  
NPM: 212310030

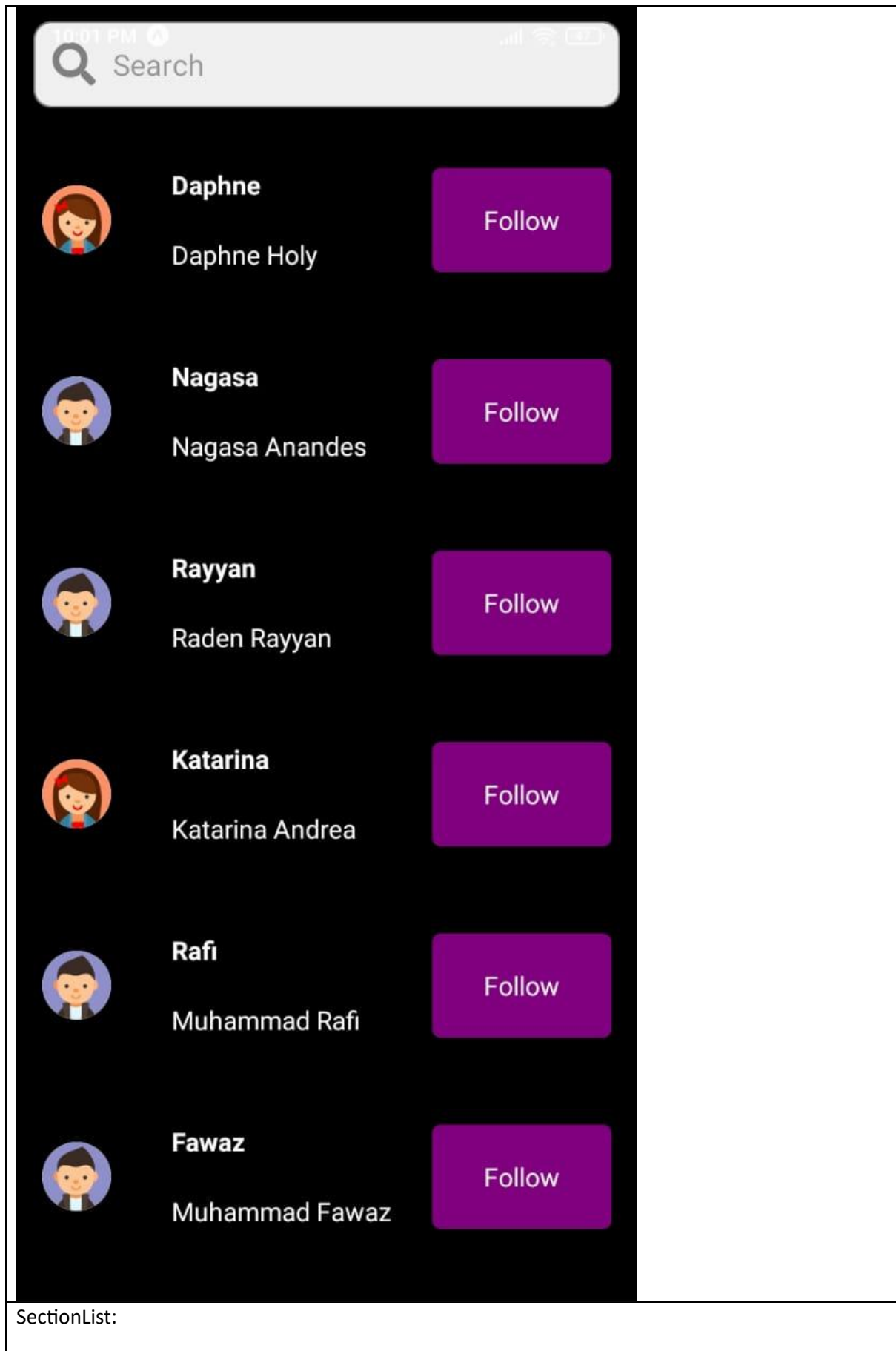
No 5

Flatlist:



```
terminal Help Storyjs - PVB - Visual Studio Code
Appjs M Storyjs U X
Instagram > src > praktikum-4 > widgets > Storyjs > ...
1 import React from 'react';
2 import { FlatList, Image, StyleSheet, Text, View } from 'react-native';
3
4 const UserItem = ({item}) => {
5   return (
6     <View>
7       <Image source={item.gender === "M" ? require("../assets/boy.png") : require("../assets/girl.png")}
8         style={{...Styles.img, borderWidth: (item.story ? 2 : 0)}} />
9       <Text style={Styles.storyName}>{item.name}</Text>
10     </View>
11   );
12 }
13
14 const Story = ({ UserObj }) => {
15   return (
16     <View style={{ backgroundColor: "purple"}}>
17       <FlatList horizontal={true} data={UserObj} renderItem={({item}) => <UserItem item={item}/> } />
18     </View>
19   );
20 }
21
22
23 const Styles = StyleSheet.create({
24   img: {
25     width: 60,
26     height: 60,
27     borderColor: "lightgreen",
28     borderRadius: 100,
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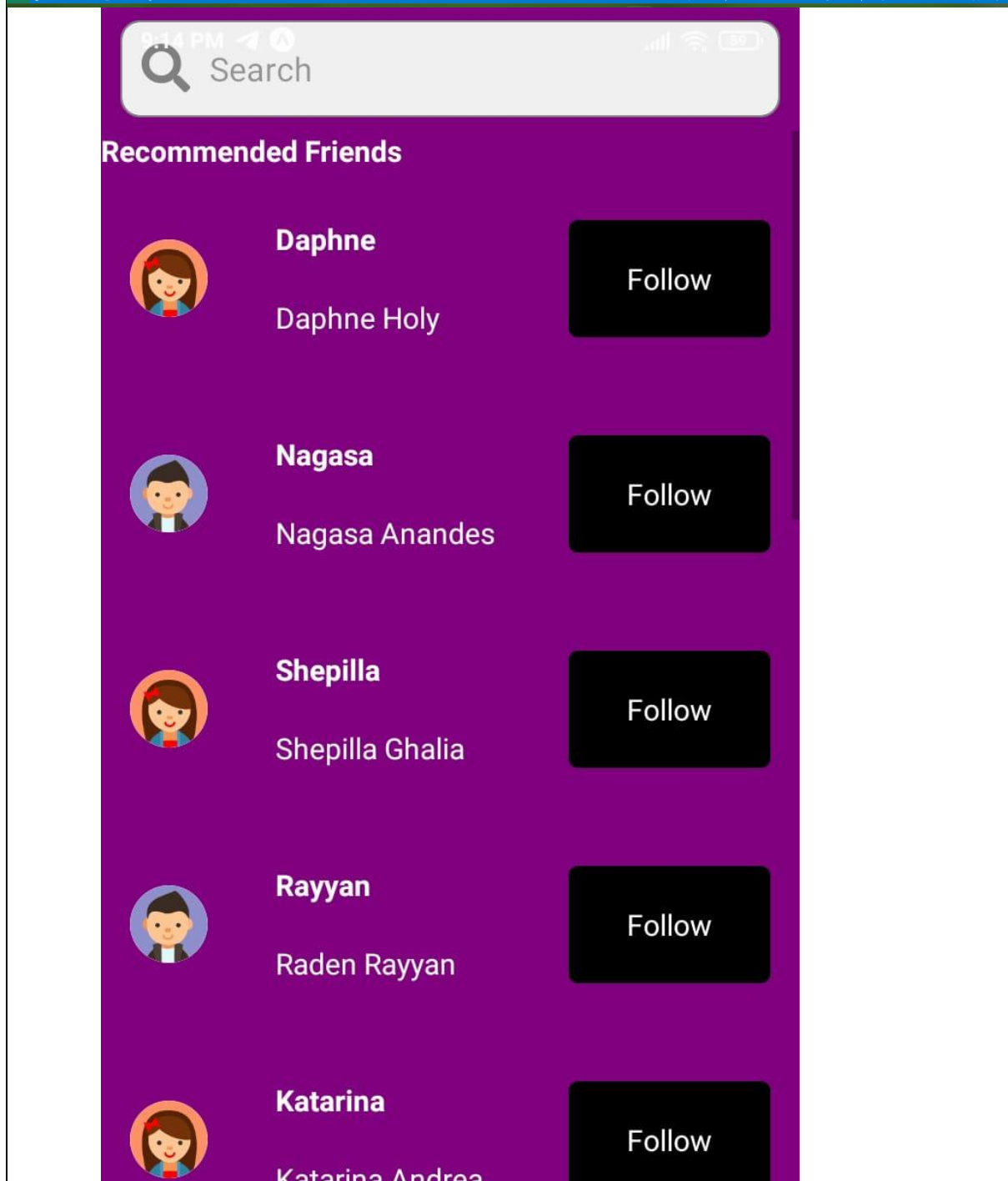
Nama: Daphne Holy  
NPM: 212310030



SectionList:

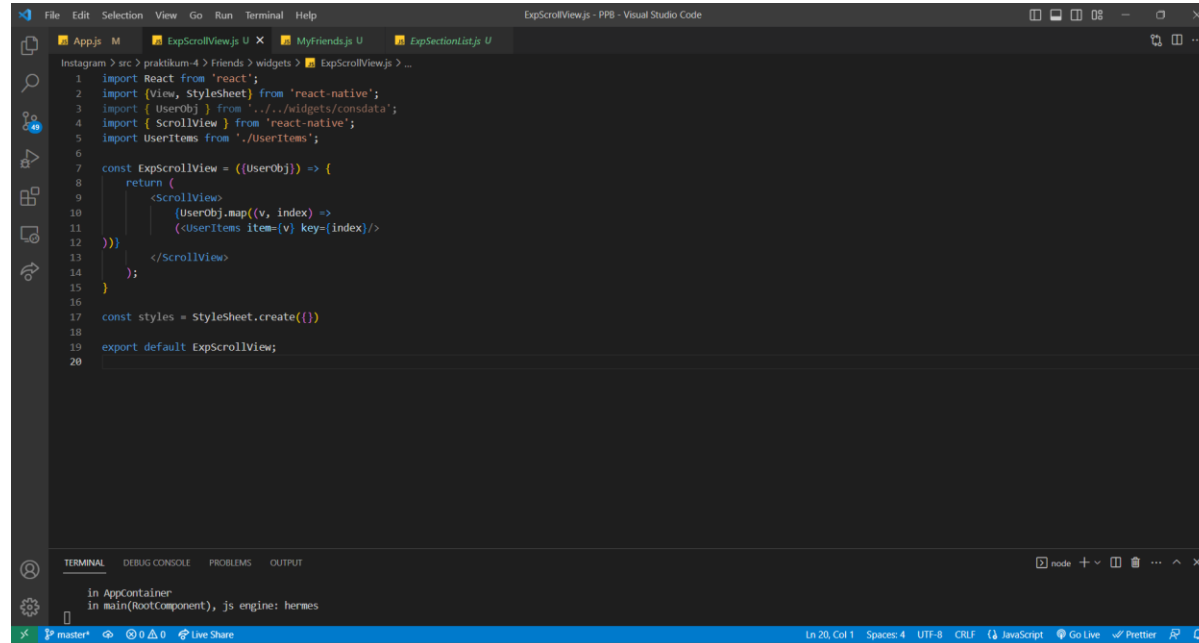
Nama: Daphne Holy  
NPM: 212310030

```
File Edit Selection View Go Run Terminal Help ExpSectionList.js - PPB - Visual Studio Code
ExpSectionList.js U X
Instagram > src > praktikum-4 > Friends > widgets > ExpSectionList.js > ...
1 import React from "react";
2 import { FlatList, SectionList, Text } from "react-native";
3 import { UserObj } from "../../widgets/consdata";
4 import UserItems from "../../UserItems";
5
6 const ExpSectionList = () => {
7   const data = [
8     { title: "Recommended Friends", data: UserObj },
9     { title: "Similar Contact", data: UserObj },
10   ];
11   return (
12     <SectionList
13       sections={data}
14       renderItem={({ item }) => <UserItems item={item} /> }
15       renderSectionHeader={({ section: { title } }) => (
16         <Text style={{ color: "white", fontWeight: "bold", fontSize: 16 }}>{title}</Text>
17       )}
18     />
19   );
20 };
21
22 export default ExpSectionList;
```



Nama: Daphne Holy  
NPM: 212310030

### ScrollView:

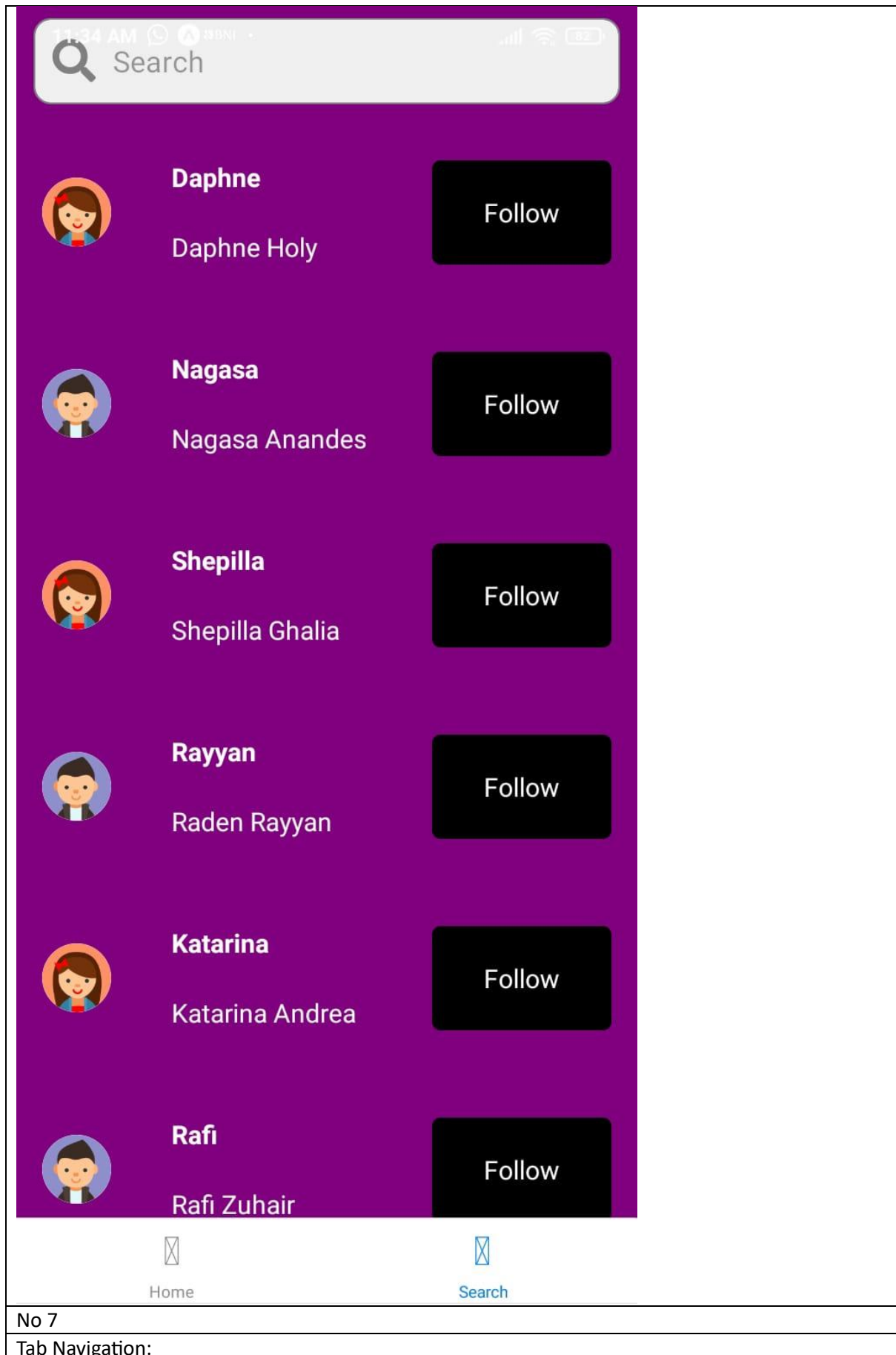


```
1 import React from 'react';
2 import {View, StyleSheet} from 'react-native';
3 import { UserObj } from '../widgets/consdata';
4 import { ScrollView } from 'react-native';
5 import UserItems from './UserItems';
6
7 const ExpScrollView = ({UserObj}) => {
8   return (
9     <ScrollView>
10       {UserObj.map((v, index) =>
11         <UserItems item={v} key={index}/>
12       )}
13     </ScrollView>
14   );
15 }
16
17 const styles = StyleSheet.create({})
18
19 export default ExpScrollView;
20
```

in AppContainer:  
in main(RootComponent), js engine: hermes

Output:

Nama: Daphne Holy  
NPM: 212310030

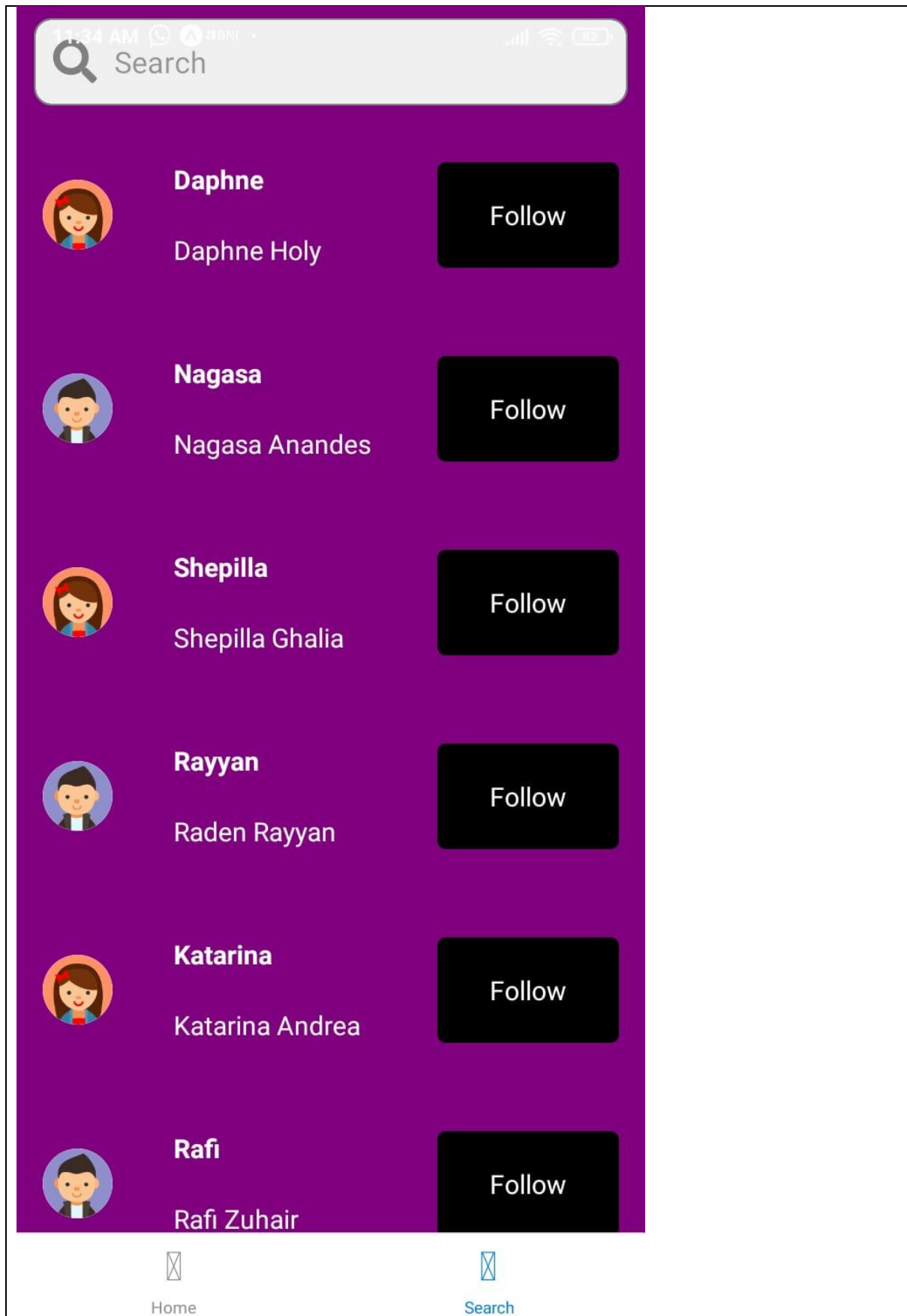


No 7

Tab Navigation:

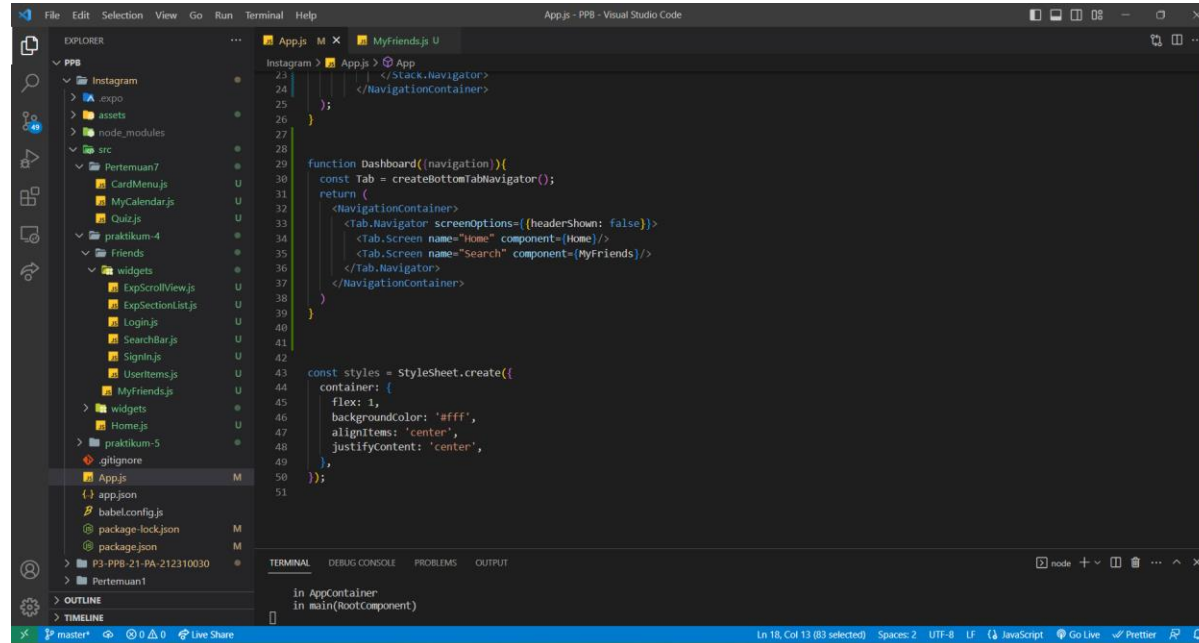


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## Code:



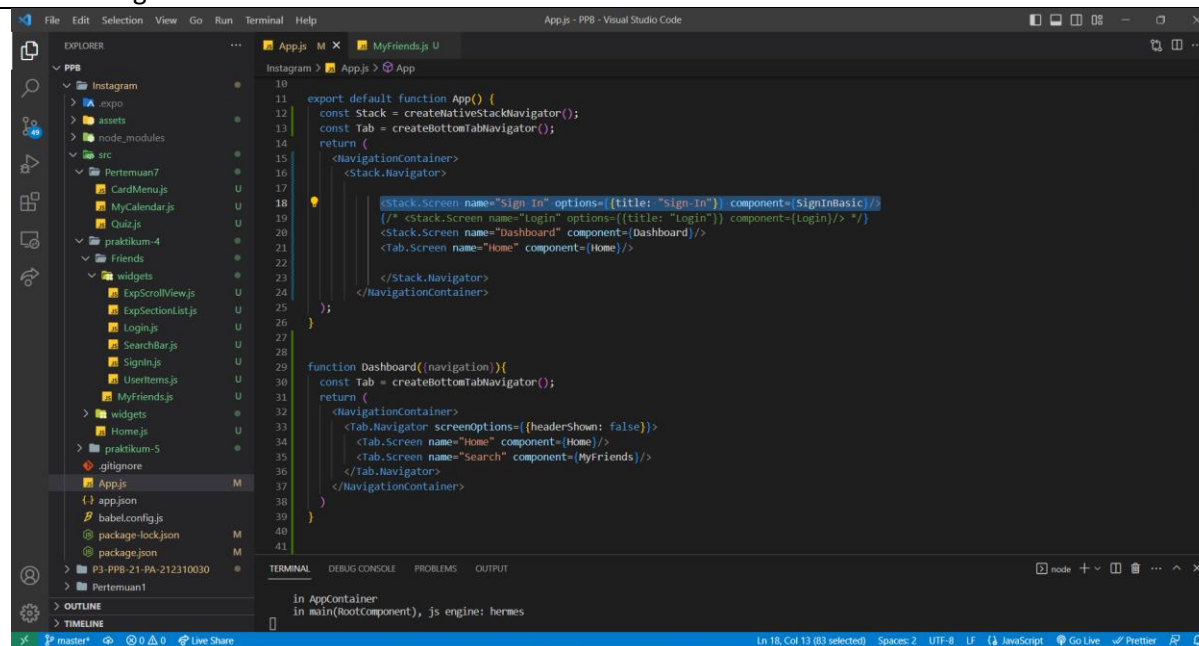
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function Dashboard((navigation)){
  const Tab = createBottomTabNavigator();
  return (
    <NavigationContainer>
      <Tab.Navigator screenOptions={{headersShow: false}}>
        <Tab.Screen name="Home" component={Home}/>
        <Tab.Screen name="Search" component={MyFriends}/>
      </Tab.Navigator>
    </NavigationContainer>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: 'ffff',
    alignItems: 'center',
    justifyContent: 'center',
  },
});

in AppContainer
in main(RootComponent)
```

## Stack Navigation:



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export default function App() {
  const Stack = createNativeStackNavigator();
  const Tab = createBottomTabNavigator();
  return (
    <NavigationContainer>
      <Stack.Navigator>
        <Stack.Screen name="Sign in" options={{title: "Sign in"}} component={SignInBasic}/>
        <Stack.Screen name="Login" options={{title: "Login"}} component={Login}/>
        <Stack.Screen name="Dashboard" component={Dashboard}/>
        <Stack.Screen name="Home" component={Home}/>
      </Stack.Navigator>
    </NavigationContainer>
  );
}

function Dashboard((navigation)){
  const Tab = createBottomTabNavigator();
  return (
    <NavigationContainer>
      <Tab.Navigator screenOptions={{headersShow: false}}>
        <Tab.Screen name="Home" component={Home}/>
        <Tab.Screen name="Search" component={MyFriends}/>
      </Tab.Navigator>
    </NavigationContainer>
  );
}

in AppContainer
in main(RootComponent), js engine: hermes
```

## Output:

Nama: Daphne Holy  
NPM: 212310030

