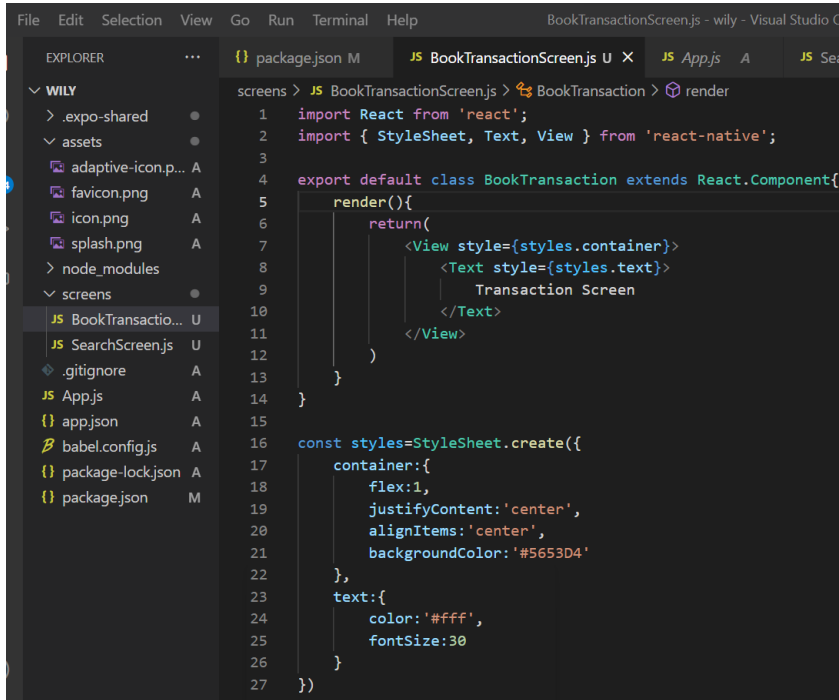


CLASS 68

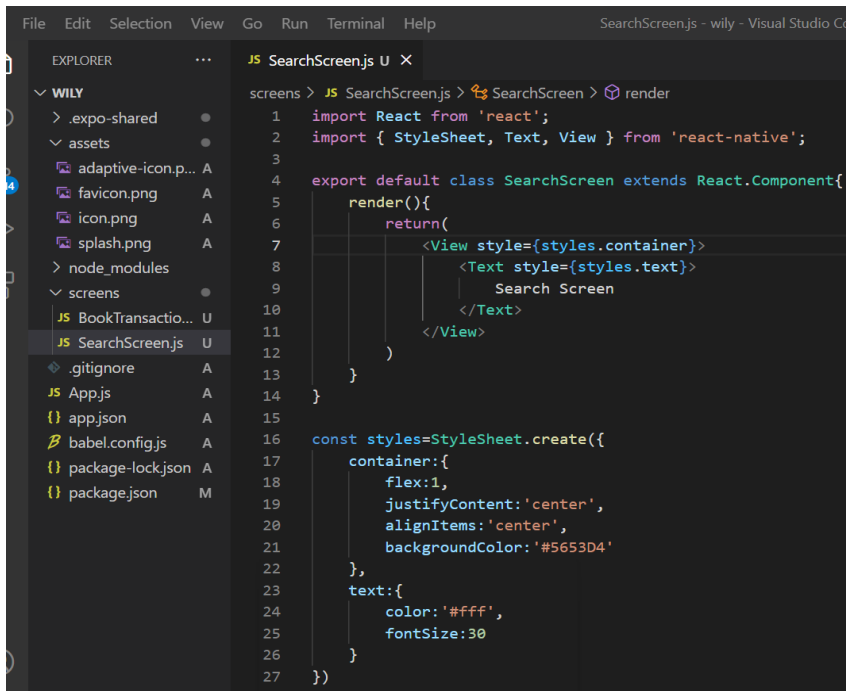
1. Start a new expo project.
2. This app will be a blank project. Create a screens folder in our app directory called – screens.
3. Create two files Search.js and Transaction.js inside the screens folder.
4. Inside these files create two components called SearchScreen and TransactionScreen and remember to import all the necessary packages to create the component. Also, remember to export the component so that we can use it in another screen.



```
File Edit Selection View Go Run Terminal Help BookTransactionScreen.js - wily - Visual Studio Code

EXPLORER
WILY
  .expo-shared
  assets
    adaptive-icon.png
    favicon.png
    icon.png
    splash.png
  node_modules
  screens
    JS BookTransactionScreen.js
    JS SearchScreen.js
  .gitignore
  JS App.js
  app.json
  babel.config.js
  package-lock.json
  package.json

screens > JS BookTransactionScreen.js > BookTransaction > render
1 import React from 'react';
2 import { StyleSheet, Text, View } from 'react-native';
3
4 export default class BookTransaction extends React.Component{
5   render(){
6     return(
7       <View style={styles.container}>
8         <Text style={styles.text}>
9           Transaction Screen
10        </Text>
11      </View>
12    )
13  }
14 }
15
16 const styles=StyleSheet.create({
17   container:{
18     flex:1,
19     justifyContent:'center',
20     alignItems:'center',
21     backgroundColor:'#5653D4'
22   },
23   text:{
24     color:'#fff',
25     fontSize:30
26   }
27 })
```



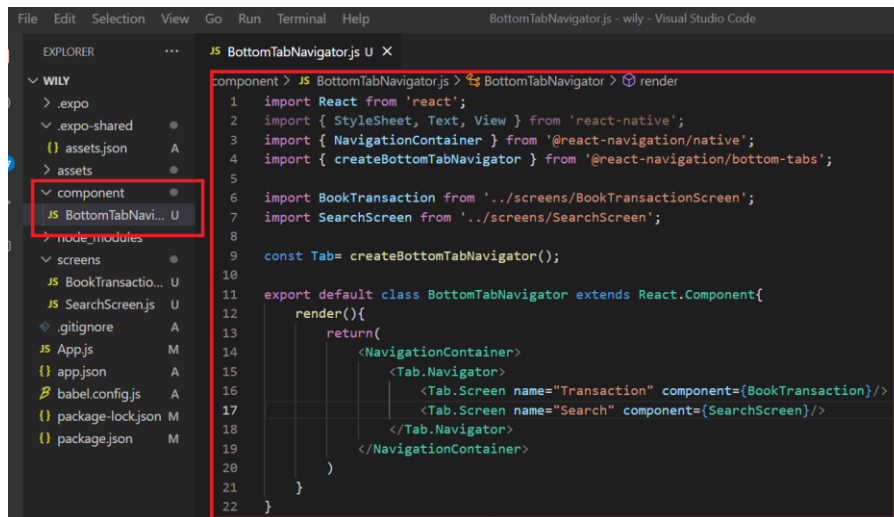
```
File Edit Selection View Go Run Terminal Help SearchScreen.js - wily - Visual Studio Code

EXPLORER
WILY
  .expo-shared
  assets
    adaptive-icon.png
    favicon.png
    icon.png
    splash.png
  node_modules
  screens
    JS BookTransactionScreen.js
    JS SearchScreen.js
  .gitignore
  JS App.js
  app.json
  babel.config.js
  package-lock.json
  package.json

screens > JS SearchScreen.js > SearchScreen > render
1 import React from 'react';
2 import { StyleSheet, Text, View } from 'react-native';
3
4 export default class SearchScreen extends React.Component{
5   render(){
6     return(
7       <View style={styles.container}>
8         <Text style={styles.text}>
9           Search Screen
10        </Text>
11      </View>
12    )
13  }
14 }
15
16 const styles=StyleSheet.create({
17   container:{
18     flex:1,
19     justifyContent:'center',
20     alignItems:'center',
21     backgroundColor:'#5653D4'
22   },
23   text:{
24     color:'#fff',
25     fontSize:30
26   }
27 })
```

5. Install the Bottom Tab navigator to our app.
6. Use **npm install @react-navigation/bottom-tabs** on command prompt.
7. Install bottom tab navigation peer dependencies **npm install react-native-screens** and **npm install react-native-gesture-handler**
8. Install react navigation to create a navigation container using **npm install @react-navigation/native**.

9. Create a folder called components and inside that folder we'll create the BottomTabNavigator.js file. Import both the screens and all the necessary react, react-native packages.
10. Also, import {NavigationContainer} from '@react-navigation/native' package and import {createBottomTabNavigator} from '@react-navigation/bottom-tabs'. createBottomTabNavigator will help us create the bottom tab navigator.
11. Here Create a Navigation container and inside it create a tab navigator where add the screens which we created.
12. First create a variable called Tab.
13. Inside this call the createBottomTabNavigator function. In the return function create the Navigation container. Inside the container add the Tab.Navigator component. Inside this component add both the screens that were created earlier.

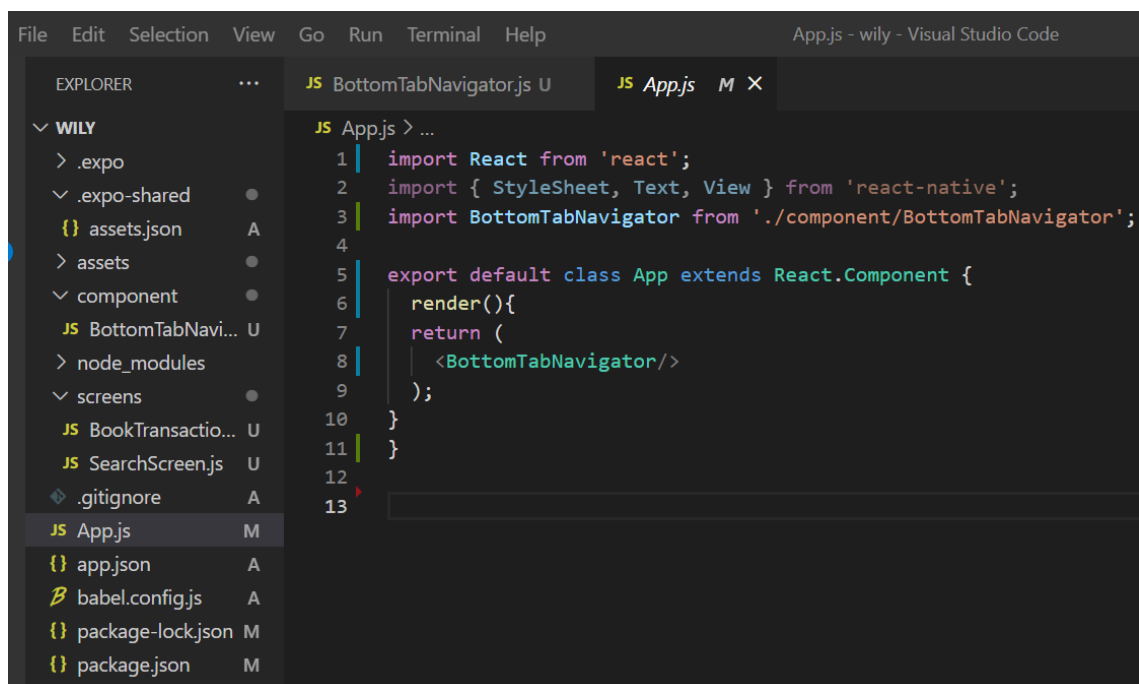


```

1 import React from 'react';
2 import { StyleSheet, Text, View } from 'react-native';
3 import { NavigationContainer } from '@react-navigation/native';
4 import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
5
6 import BookTransaction from '../screens/BookTransactionScreen';
7 import SearchScreen from '../screens/SearchScreen';
8
9 const Tab = createBottomTabNavigator();
10
11 export default class BottomTabNavigator extends React.Component {
12   render() {
13     return (
14       <NavigationContainer>
15         <Tab.Navigator>
16           <Tab.Screen name="Transaction" component={BookTransaction}/>
17           <Tab.Screen name="Search" component={SearchScreen}/>
18         </Tab.Navigator>
19       </NavigationContainer>
20     );
21   }
22 }

```

14. BottomTabNavigator is ready now. Just need to pass the BottomTabNavigator in the App.js file as the App.js file acts as the main entry point for our app.
15. Import the BottomTabNavigator in the App.js file and then pass this component in the return function.



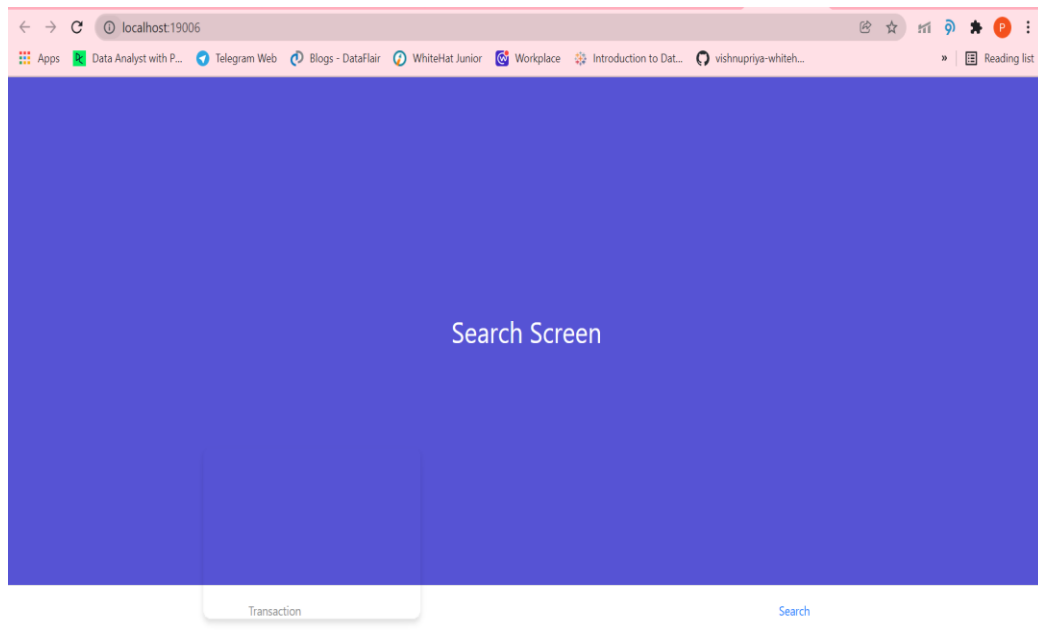
```

1 import React from 'react';
2 import { StyleSheet, Text, View } from 'react-native';
3 import BottomTabNavigator from './component/BottomTabNavigator';
4
5 export default class App extends React.Component {
6   render() {
7     return (
8       <BottomTabNavigator/>
9     );
10   }
11 }
12
13

```

16. Use expo start to run the code.

17. Output in Web.



GitHub Link for the reference Codes-

<https://github.com/whitehatjr/e-library-PRO-C68>

