**Assignment # 03**

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**FA20-BCS-062**

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**Code:**

import \* as React from 'react';

import { Button, View, Text, StyleSheet } from 'react-native';

import { NavigationContainer } from '@react-navigation/native';

import { createNativeStackNavigator } from '@react-navigation/native-stack';

import { createDrawerNavigator } from '@react-navigation/drawer';

import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';

import { TextInput } from 'react-native-paper';

function EmptyScreen() {

  return <View />;

}

function Login({navigation}){

  return(

    <View >

    <TextInput placeholder='email'/>

    <TextInput placeholder='password'/>

    <Button title="Login" onPress={() => navigation.navigate('Root')} />

    </View>

  )

}

function News({ navigation }) {

  return (

    <View style={{ flex: 1, alignItems: 'center', justifyContent: 'center' }}>

      <Text>News Screen</Text>

      <Button title="Go to Root" onPress={() => navigation.navigate('Root')} />

    </View>

  );

}

const Tab = createBottomTabNavigator();

function Home({ navigation }) {

  return (

     <Tab.Navigator>

      <Tab.Screen name="Messages" component={MessagesScreen}></Tab.Screen>

      <Tab.Screen name="Notification" component={NotificationScreen}></Tab.Screen>

     </Tab.Navigator>

  );

}

function MessagesScreen(){

  return(

    <View>

      <Text>This the the Messages Screen</Text>

    </View>

  );

}

function NotificationScreen(){

  return(

    <View>

      <Text>This the the Notification Screen</Text>

    </View>

  );

}

const Drawer = createDrawerNavigator();

const Stack = createNativeStackNavigator();

function Root() {

  return (

    <Drawer.Navigator useLegacyImplementation>

      <Drawer.Screen name="Home" component={Home} />

      <Drawer.Screen name="Profile" component={ProfileScreen} />

      <Drawer.Screen name="Settings" component={SettingScreen} />

    </Drawer.Navigator>

  );

}

function ProfileScreen(){

  return(

    <View>

      <Text>This the the Profile Screen</Text>

    </View>

  );

}

function SettingScreen(){

  return(

    <View>

      <Text>This the the Settings Screen</Text>

    </View>

  );

}

function App() {

  return (

    <NavigationContainer>

      <Stack.Navigator>

      <Stack.Screen name="Login" component={Login} />

        <Stack.Screen name="Root" component={Root} options={{headerShown: false}}/>

        <Stack.Screen name="News" component={News} />

      </Stack.Navigator>

    </NavigationContainer>

  );

}

const styles = StyleSheet.create({

  text: {

    height: 40,

    margin: 12,

    borderWidth: 1,

    padding: 10,

    alignItems: 'center'

  },

  home: {

    flex: 1,

     alignItems: 'center',

     marginTop: 50,

  },

  btm\_nav:{

    width:100,

    backgroundColor: 'pink',

  }

}

)

export default App;

**Output:**





