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| A7D18627**COMSATS UNIVERSITY ISLAMABAD**  **ATTOCK CAMPUS** |

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| Registration Number | SP20-BSE-029 |
| Program | BS-(SE) |
| Semester | VI |

**MOBILE APPLICATION DEVELOPMENT**

**ASSIGNMENT# 03**

**CODE:**

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

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

import {View,Text,Button,Pressable,TextInput,Image} from 'react-native';

const Stack=createNativeStackNavigator();

const App =() =>

{

  return(

    <NavigationContainer>

      <Stack.Navigator>

        <Stack.Screen name="Login" component={LoginScreen} options={{ headerStyle: { backgroundColor: "brown" } }}></Stack.Screen>

        <Stack.Screen name="Sign-up" component={SignupScreen} options={{ headerStyle: { backgroundColor: "lightblue" }}}></Stack.Screen>

        <Stack.Screen name="Profile" component={ProfileScreen} options={{ headerStyle: { backgroundColor: "pink" }}}></Stack.Screen>

      </Stack.Navigator>

    </NavigationContainer>

  )

}

export default App;

function LoginScreen({navigation}){

  return(

<View style={{backgroundColor:'pink',alignItems:'center',justifyContent:'center'}}>

      <View>

        <Text>LoginScreen</Text>

      </View>

      <View style={{ flex:1,backgroundColor: 'grey',height:500,alignItems:'center',justifyContent:'space-around'}}>

      <View style = {{height:100}}></View>

          <Image style={{backgroundColor:'transparent',height:100,width:100}}source={{uri:'https://cms-assets.tutsplus.com/cdn-cgi/image/width=400/uploads/users/798/posts/27376/preview\_image/firebase@2x.png'}}/>

          <View style = {{height:80}}></View>

          <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Username'></TextInput>

          <View style = {{height:10}}></View>

          <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Password' secureTextEntry='true'></TextInput>

          <View style = {{height:10}}></View>

          <Pressable style = {{backgroundColor:'blue',width:250,height:20,fontWeight:'bold',alignItems:'center',justifyContent:'center'}} onPress={() => ('Pressed')}>

            <Text>LOGIN</Text>

          </Pressable>

            <Text>You don't have an account? Create one</Text>

           </View>

            <Button title="Go to SignupScreen" onPress={()=>navigation.navigate("Sign-up")}/>

    </View>

  );

}

function SignupScreen({navigation}){

  return(

<View style={{backgroundColor:'brown',alignItems:'center',justifyContent:'center'}}>

      <View>

        <Text>SignupScreen</Text>

      </View>

      <View style={{ flex:1,backgroundColor: 'grey',height:500,alignItems:'center',justifyContent:'space-around'}}>

      <View style = {{height:100}}></View>

      <Image style={{backgroundColor:'transparent',height:100,width:100}}source={{uri:"https://www.w3schools.com/howto/img\_avatar2.png"}}/>

                <View style = {{height:30}}></View>

         <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Username'></TextInput>

          <View style = {{height:10}}></View>

          <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Email' ></TextInput>

          <View style = {{height:10}}></View>

          <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Contact-No'></TextInput>

          <View style = {{height:10}}></View>

          <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Password' secureTextEntry='true'></TextInput>

          <View style = {{height:10}}></View>

          <Pressable style = {{backgroundColor:'blue',width:250,height:20,fontWeight:'bold',alignItems:'center',justifyContent:'center'}}  onPress={() => ('Pressed')}>

            <Text>SIGNUP</Text>

          </Pressable>

           </View>

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

    </View>

  )

}

function ProfileScreen({navigation}){

  return(

      <View style={{backgroundColor:'purple',alignItems:'center',justifyContent:'center'}}>

            <View>

              <Text>ProfileScreen</Text>

            </View>

            <View style={{ flex:1,backgroundColor: 'grey',height:500,alignItems:'center',justifyContent:'space-around'}}>

            <View style = {{height:100}}></View>

            <Text>Please complete your profile</Text>

              <Image style={{backgroundColor:'transparent',height:100,width:100}}source={{uri:"https://e7.pngegg.com/pngimages/799/987/png-clipart-computer-icons-avatar-icon-design-avatar-heroes-computer-wallpaper-thumbnail.png"}}/>

                <View style = {{height:30}}></View>

                <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Username'></TextInput>

                <View style = {{height:10}}></View>

                <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Address'></TextInput>

                <View style = {{height:10}}></View>

                <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='City'></TextInput>

                <View style = {{height:10}}></View>

                <TextInput style = {{width:250,height:30,borderWidth:2}} placeholder='Country'></TextInput>

                <View style = {{height:10}}></View>

                </View>

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

          </View>

        );

      }

**OUTPUT:**





