

**COMSATS UNIVERSITY ISLAMABAD ATTOCK**

**CAMPUS**

**DEPARTMENT OF COMPUTER SCIENCE**

**ASSIGNMENT: 03**

MAD

BY

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TO

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**import \* as React from 'react';**

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

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

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

**function HomeScreen({navigation}) {**

**return (**

**<View style={styles.container}>**

**<Text style={styles.title}>Welcome</Text>**

**<Button style={styles.button,styles.buttonText} title="Login" onPress={()=> navigation.navigate('LoginScreen')}> </Button>**

**<Button style={styles.button,styles.buttonText} title="Signup" onPress={()=> navigation.navigate('SignupScreen')}> </Button>**

**</View>**

**);**

**}**

**function LoginScreen({navigation}) {**

**return (**

**<View style={styles.container}>**

**<Text style={styles.title}>Login Screen</Text>**

**<TextInput style={styles.input} placeholder="Enter your Email"/>**

**<TextInput style={styles.input} placeholder="Enter your password"/>**

**<Button style={styles.button,styles.buttonText} title="Login" > </Button>**

**<Button style={styles.button,styles.buttonText} title="Signup" onPress={()=> navigation.navigate('SignupScreen')}> </Button>**

**</View>**

**);**

**}**

**function SignupScreen({navigation}){**

**return(**

**<View style={styles.container}>**

**<Text style={styles.title}>Sign up</Text>**

**<TextInput style={styles.input} placeholder="Enter your Email"/>**

**<TextInput style={styles.input} placeholder="Enter your password"/>**

**<TextInput style={styles.input} placeholder="Repeat password"/>**

**<Button style={styles.button,styles.buttonText} title="Register" onPress={()=> navigation.navigate('LoginScreen')} />**

**</View>**

**)**

**}**

**const Stack = createNativeStackNavigator();**

**function App() {**

**return (**

**<NavigationContainer>**

**<Stack.Navigator>**

**<Stack.Screen name="Home" component={HomeScreen} />**

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

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

**</Stack.Navigator>**

**</NavigationContainer>**

**);**

**}**

**const styles = StyleSheet.create({**

**container: {**

**flex: 1,**

**justifyContent: 'center',**

**alignItems: 'center',**

**backgroundColor:'pink',**

**padding: 16,**

**},**

**title: {**

**fontSize: 24,**

**fontWeight: 'bold',**

**marginBottom: 16,**

**},**

**input: {**

**width: '100%',**

**height: 40,**

**borderColor: 'black',**

**borderWidth: 1,**

**borderRadius: 4,**

**marginBottom: 12,**

**paddingLeft: 8,**

**},**

**button: {**

**backgroundColor:'black',**

**width: '100%',**

**height: 40,**

**justifyContent: 'center',**

**borderWidth: 1,**

**paddingLeft: 8,**

**borderRadius: 4,**

**},**

**buttonText: {**

**color: 'white',**

**fontSize: 16,**

**fontWeight: 'bold',**

**},**

**});**

**export default App**