# Department of Computing

**CS-213: Advanced Programming**

**Class: BSCS 7AB**

# Lab 12: React Native Login Application

**Date: 12 December, 2019**

**Time: 10:00-01:00pm & 02:00-05:00pm**

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# Lab 12: React Native Login Application

**Lab Task**

Create a login Application in react native

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| Solution |
| Task Code:  Main App.js:  import React,{Component} from 'react';  import AppNavigator from './app/component/navigator'  import Home from './app/component/home'  export default class App extends Component{  render(){  return <AppNavigator/>  }  }  home/index.js  import React, { Component } from 'react'  import { Text, View,TextInput ,Button,Alert} from 'react-native'  import styles from './styles'  //import { TextInput } from 'react-native-gesture-handler'  export default class indHomeex extends Component {  state={username:"",password:""}  checkLogin(){  const {username,password}=this.state;  if(username=='ali' && password=='admin'){  //console.warn("Login is correct")  //redirect to dashboard  this.props.navigation.navigate('dashboard')  }else{  //something is wrong  Alert.alert('Error','Username/Password mismatch',[{  text:'Okay'  }])  }  }  render() {  const {heading,input,parent}=styles  return (  <View style={parent}>  <Text style={heading}> Login into the application </Text>  <TextInput style={input} autoFocus={true} placeholder={'UserName'} onChangeText={text=>this.setState({username:text})}/>  <TextInput style={input} secureTextEntry={true} placeholder={'Password'} onChangeText={text=>this.setState({password:text})}/>  <Button title={'Login'} onPress={()=>this.checkLogin()}/>  </View>  )  }  }  home/styles.js  import {StyleSheet} from 'react-native'  export default StyleSheet.create({  heading:{  fontSize:25,  textAlign:'center',  },  input:{  marginLeft:20,  marginRight:20,  borderColor:'blue',  borderBottomWidth:1,  textAlign:'center',  borderRadius: 20 ,  marginBottom:10    },  parent:{  flex:1,  justifyContent:'center',  }  })  navigator/index.js  import {  createStackNavigator,  createAppContainer  } from 'react-navigation';  import Home from '../home'  import Dashboard from '../dashboard'  const AppNavigator = createStackNavigator({  home:Home,  dashboard:Dashboard  });  export default createAppContainer(AppNavigator);  Dashboard/index.js  import React, { Component } from 'react'  import { Text, View } from 'react-native'  export default class Dashboard extends Component {  render() {  return (  <View>  <Text> Dashboard </Text>  </View>  )  }  }  Task Output Screenshot: |

