**LAB 12**

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| App.js |
| *import* React *from* "react";  *import* { View, Text } *from* "react-native";  *import* { createAppContainer } *from* "react-navigation";  *import* { createStackNavigator } *from* "react-navigation-stack";  *import* HomeScreen *from* './components/HomeScreen';  *import* Dashboard *from* './components/Dashboard';  const AppNavigator = createStackNavigator(    {      Home: HomeScreen,      DashboardK:Dashboard,    },    {      initialRouteName: "Home"    }  );  const AppContainer = createAppContainer(AppNavigator);  *export* *default* AppContainer; |

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| HomeScreen.js |
| *import* React *from* 'react';  *import* { View, Text, TextInput, Button, Alert } *from* 'react-native';  *import* styles *from* './styles';  class HomeScreen extends React.Component {      state = {username:"",password:""}    static navigationOptions = {      header: null    }    checkLogin() {      const { username, password } = *this*.state;      console.log(username + " "+password);      fetch('http://10.7.70.145:5000/',{          method:'post',          headers:{'Content-Type':'application/json'},          body:JSON.stringify({            "name":username,            "password":password})        })        .then(res => res.text())        .then(res =>{  *if*(res == "Succ"){  *this*.props.navigation.navigate('DashboardK');            }  *else*{              Alert.alert('Error', res, [{ text: 'Okay' }]);            }        });    }    render() {  *return* (        <View *style*={styles.parent}>          <Text *style*={styles.heading}>Login</Text>          <TextInput  *style*={styles.input}  *placeholder*="Name"  *onChangeText*={text => *this*.setState({ username: text })}          />          <TextInput  *style*={styles.input}  *onChangeText*={text => *this*.setState({ password: text })}  *placeholder*="Password"  *secureTextEntry*={true}          />          <Button *title*="Submit" *onPress*={() => *this*.checkLogin()} />        </View>      );    }  }  *export* *default* HomeScreen; |

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| Dashboard.js |
| *import* React *from* 'react';  *import* {View, Text, TextInput} *from* 'react-native';  ­­­­  class Dashboard extends React.Component{    static navigationOptions = {      header: null    }    render(){  *return* (        <View>          <Text>Dashboard</Text>        </View>      );    }  }  *export* *default* Dashboard; |

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| Server.js |
| var express = require('express');  var app = express();  var bodyParser = require('body-parser');  app.use(bodyParser.json());  app.use(bodyParser.urlencoded({ extended: true }));  app.get('/',function(req,res){      res.send("Hello World");  })  app.post('/',function(req,res){      var data = req.body;      console.log(data);  *if*(data.name == 'admin' && data.password == 'admin'){          res.send("Succ");      }  *else*{          res.send("failed");      }  });  app.listen(5000); |





