# ข้อ 1 Login

```
import React from 'react';

import { StyleSheet, Text, View, Image, TextInput,

Button, Alert} from 'react-native';


export default class App extends React.Component {

  constructor(props){

   super(props);

    this.state = {login:'',password:''

    };

  }

  onPressShow(){

    //const{login, password} = this.state;

    if(this.state.login == 'sampan' && this.state.password == 'suriya') {

    Alert.alert('Hello==',`${this.state.login}

    + ${this.state.password}`);}

    else{

      Alert.alert('Un user')
```

```
    }

}

render() {

  return (

    <View style={styles.container}>

      <Image style={{ width: 250, height: 100,

        marginTop: 35}}

        source={require('./Logo.png')}

      />

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

      <View style={styles.container2}>

        <Text style={{fontSize: 20, fontWeight: 'bold' }}>

          Login</Text>

        <TextInput

          placeholder="login name"

          maxLength={50}

          value={this.state.login}

          style = {styles.inputs}

          onChangeText={(login)=>this.setState({login})}
```

```
      />

    <Text style={{fontSize: 20, fontWeight: 'bold' }}>

      Password</Text>

    <TextInput

     placeholder="password"

     maxLength={50}

     value={this.state.password}

     style = {styles.inputs}

     secureTextEntry={true}

     onChangeText={(password)=>this.setState({password})}

      />

    <Button

      onPress = {this.onPressShow.bind(this)}

      title="LOGIN NOW"

      color="#841584"/>

   </View>


 </View>

);
```

```
    }

  }

const styles = StyleSheet.create({

  container: {

    flex: 1,

    backgroundColor: '#fff',

    alignItems: 'center',

    justifyContent: 'flex-start',

  },

  container2: {

    flex: 1,

    backgroundColor: '#fff',

    alignItems: 'center',

    justifyContent: 'flex-start',

  },

  title: {

    fontSize: 25,

    marginTop: 10,

    alignItems: 'center',
```

```
      fontWeight: 'bold',

      color: 'red',

   },

   inputs:{

      width: 150,

      height: 40,

      padding: 10,

      backgroundColor:'#ecf0f1'

   }

});
```

การแสดงผล

ข้อ 2 Program Calculate

```
import React from 'react';

import {

  StyleSheet,

  Text,

  View,

  Image,

  TextInput,

  Button,

  Alert,

} from 'react-native';


export default class App extends React.Component {

  constructor(props) {

    super(props);

    this.state = {Num1: 0, Num2: 0};

  }

  Sumplus = () => {

    var N1 = parseInt(this.state.Num1);
```

```
  var N2 = parseInt(this.state.Num2);

  var Sum = N1 + N2;

  Alert.alert('Sum Plus = ' + Sum);

};

SumSubtrac = () => {

  var N1 = parseInt(this.state.Num1);

  var N2 = parseInt(this.state.Num2);

  var Sum = N1 - N2;

  Alert.alert('Sum Subtrac = ' + Sum);

};

SumMultiply = () => {

  var N1 = parseInt(this.state.Num1);

  var N2 = parseInt(this.state.Num2);

  var Sum = N1 * N2;

  Alert.alert('Sum Multiply = ' + Sum);

};

SumDivide = () => {

  var N1 = parseInt(this.state.Num1);

  var N2 = parseInt(this.state.Num2);
```

```
  var Sum = N1 / N2;

 Alert.alert('Sum Divide = ' + Sum);

};


render() {

 return (

   <View style={styles.container}>

     <Text style={styles.title}>Program Calculate</Text>

     <Text

       style={{

         fontSize: 20,

         fontWeight: 'bold',

         flex: 0.1,

         flexDirection: 'column',

        }}>

       Num1

     </Text>

     <TextInput

       placeholder="Number 1"
```

```jsx
          style={styles.inputs}

          onChangeText={(Num1) => this.setState({Num1})}

        />

        <Text

          style={{

            fontSize: 20,

            fontWeight: 'bold',

            flex: 0.1,

            flexDirection: 'column',

          }}>

          Num2

        </Text>

        <TextInput

          placeholder="Number 2"

          style={styles.inputs}

          onChangeText={(Num2) => this.setState({Num2})}

        />

        <Text>{'\n'}</Text>

        <View style={{flex: 0.1, flexDirection: 'column'}}>
```

```jsx
        <Button title="Plus" onPress={this.Sumplus} />

      </View>

      <View style={{flex: 0.1, flexDirection: 'column'}}>

        <Button title="Sub" onPress={this.SumSubtrac} />

      </View>

      <View style={{flex: 0.1, flexDirection: 'column'}}>

        <Button title="Mul" onPress={this.SumMultiply} />

      </View>

      <View style={{flex: 0.1, flexDirection: 'column'}}>

        <Button title="Div" onPress={this.SumDivide} />

      </View>

    </View>

  );

 }

}

const styles = StyleSheet.create({

  container: {

    flex: 1,

    backgroundColor: '#fff',
```

```
    alignItems: 'center',

    justifyContent: 'flex-start',

    marginTop: 50,

  },

  title: {

    fontSize: 25,

    marginTop: 10,

    alignItems: 'center',

    fontWeight: 'bold',

    color: 'red',

  },

  inputs: {

    width: 150,

    height: 40,

    padding: 10,

    backgroundColor: '#ecf0f1',

  },

  paragraph: {

    margin: 24,
```

```
    fontSize: 18,

    textAlign: 'left',

  },

});
```

# Program Calculate

## Num1

5

## Num2

5

PLUS

SUB

MUL

DIV

# Program Calculate

## Num1

5

## Num2

5

Sum Plus = 10

OK

DIV

# Program Calculate

## Num1

5

## Num2

5

**Sum Subtrac = 0**

OK

DIV

# Program Calculate

## Num1

5

## Num2

5

**Sum Multiply = 25**

OK

DIV

# Program Calculate

## Num1

5

## Num2

5

**Sum Divide = 1**

OK

DIV