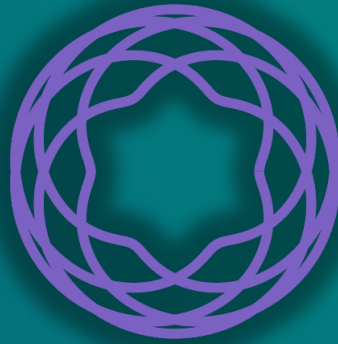
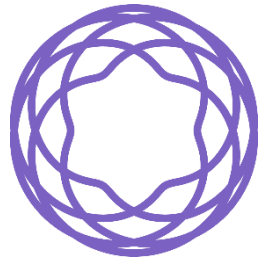


Mobile Development



React Navigation

#5 Routing on React Native

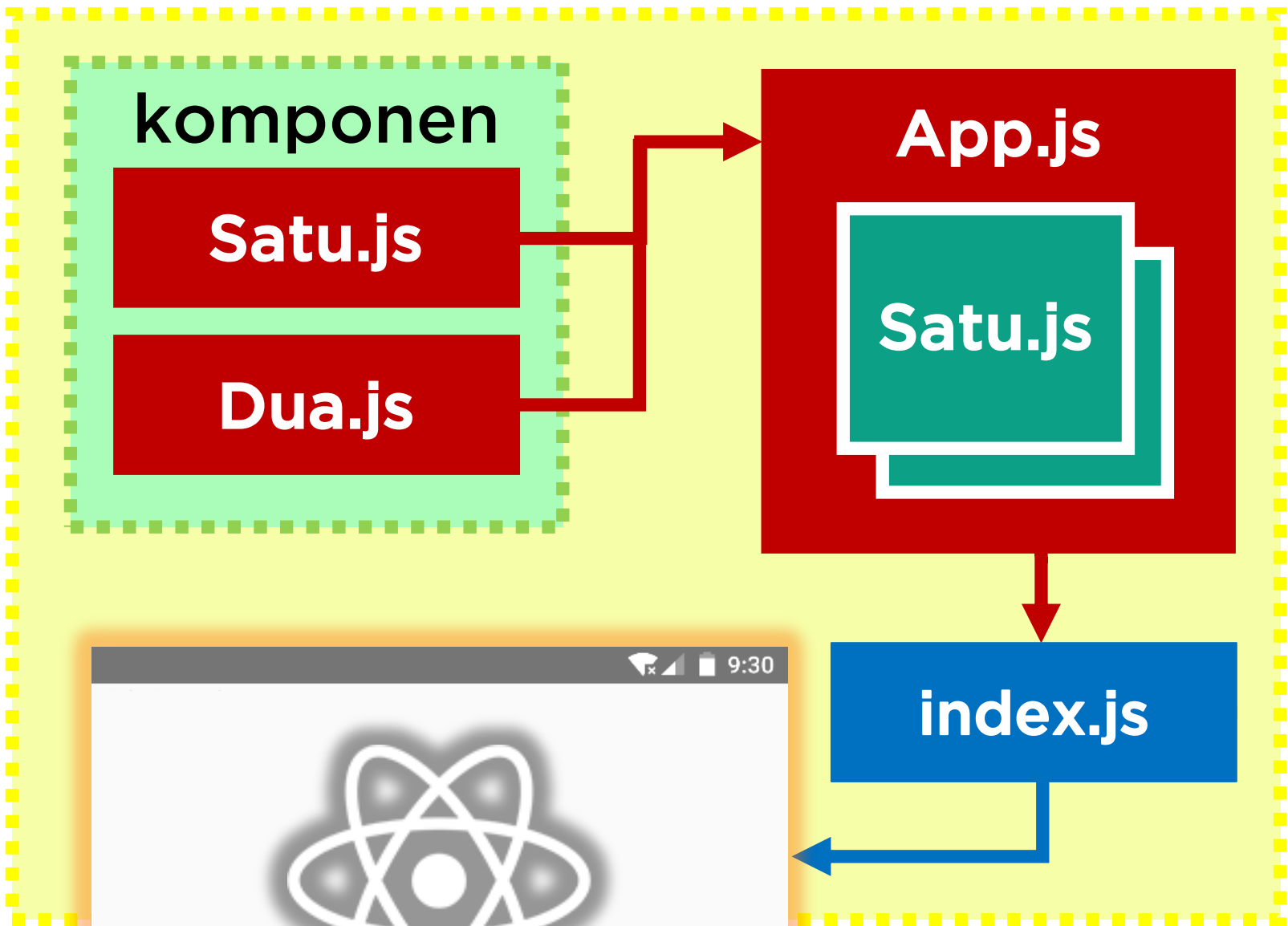


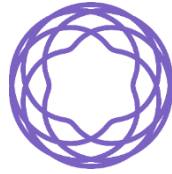
React Navigation

- ***React Navigation*** was born from the React Native community's need for an extensible yet easy-to-use navigation solution based on Javascript (click reactnavigation.org).

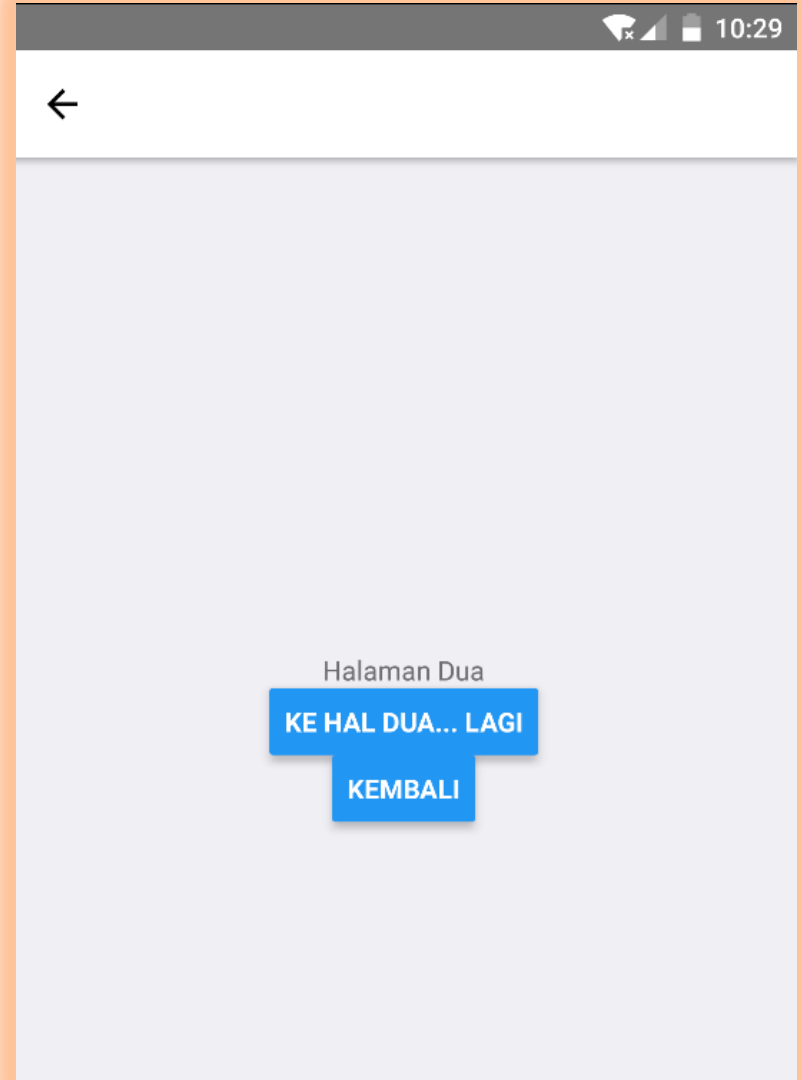
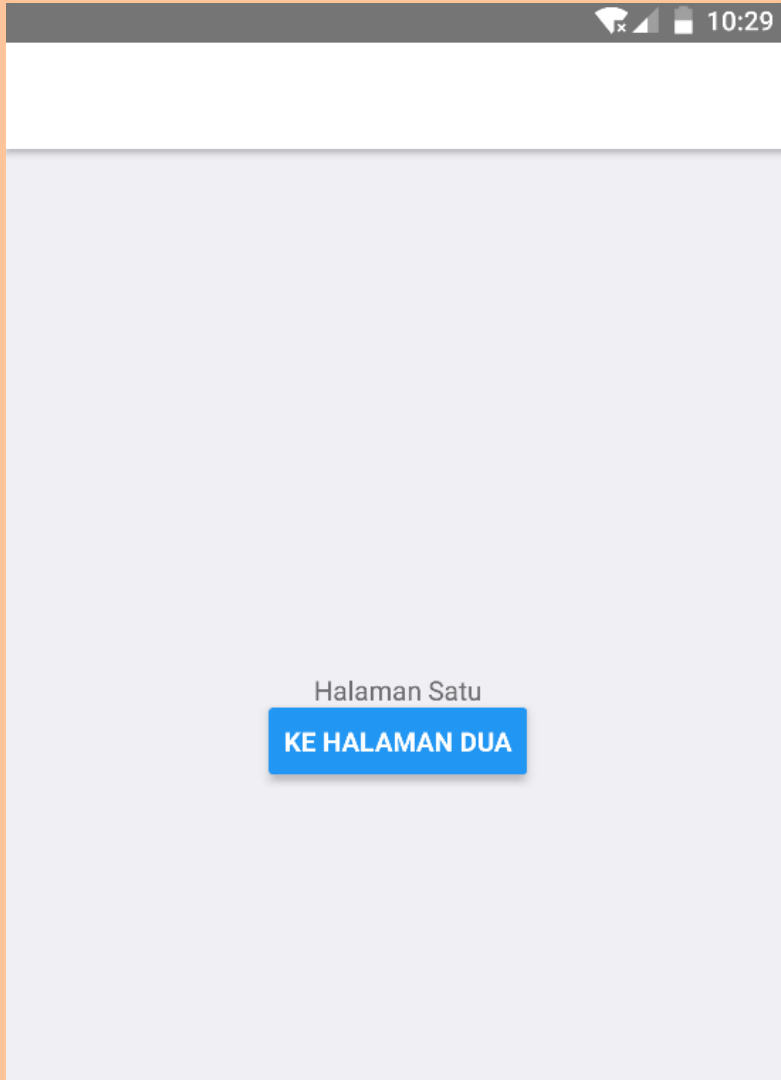
- **Installation:**

```
$ npm install react-navigation --save
```





#1 Stack Navigator



```
import React, { Component } from 'react';
import { Text, View, Button } from 'react-native';

class Satu extends Component {
  render() {
    return (
      <View style={{ flex: 1, alignItems: 'center',
        justifyContent: 'center' }}>

        <Text>Halaman Satu</Text>
        <Button title="Ke Halaman Dua"
          onPress={
            () => this.props.navigation.navigate('HalDua')}
        />

      </View>
    );
  }
}

export default Satu;
```

```
import React, { Component } from 'react';
import { Text, View, Button } from 'react-native';

class Dua extends Component {
  render() {
    return (
      <View style={{ flex: 1, alignItems: 'center',
        justifyContent: 'center' }}>

        <Text>Halaman Dua</Text>
        <Button title="Ke Hal Dua... Lagi"
          onPress={
            () => this.props.navigation.navigate('HalDua')} />

        <Button title="Kembali"
          onPress={() => this.props.navigation.goBack()} />

      </View>
    );
  }
}

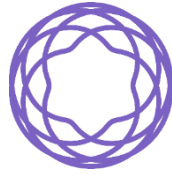
export default Dua;
```

```
import React, { Component } from 'react';
import { StackNavigator } from 'react-navigation';
import Satu from './komponen/Satu';
import Dua from './komponen/Dua';

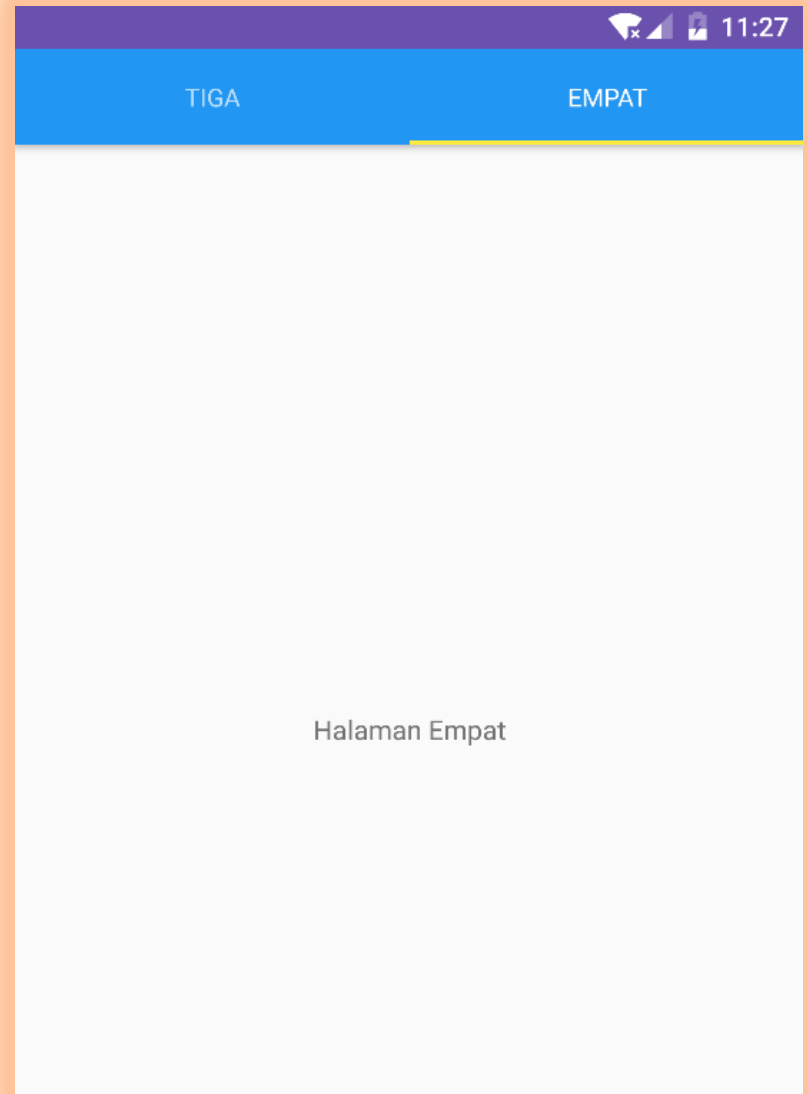
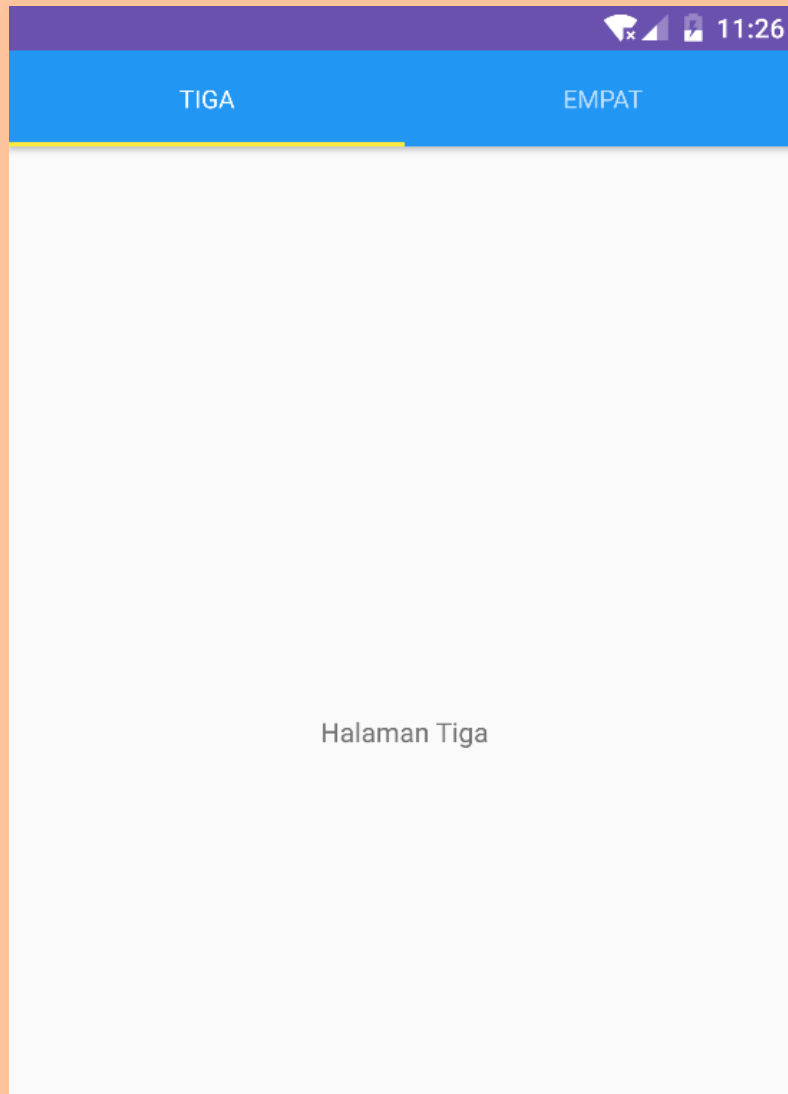
const RootStack = StackNavigator(
  {
    HalSatu: {screen: Satu},
    HalDua: {screen: Dua},
  },
  {
    initialRouteName: 'HalSatu',
  }
);

class App extends Component {
  render() {
    return (<RootStack />);
  }
}

export default App;
```



#2 Tab Navigator




```
import React, { Component } from 'react';
import { Text, View } from 'react-native';

class Tiga extends Component {
  render() {
    return (
      <View style={{ flex: 1, alignItems: 'center',
        justifyContent: 'center' }}>

        <Text>Halaman Tiga</Text>

      </View>
    );
  }
}

export default Tiga;
```

komponen/Empat.js

```
import React, { Component } from 'react';
import { Text, View } from 'react-native';

class Empat extends Component {
  render() {
    return (
      <View style={{ flex: 1, alignItems: 'center',
        justifyContent: 'center' }}>

        <Text>Halaman Empat</Text>

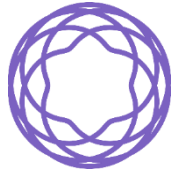
      </View>
    );
  }
}

export default Empat;
```

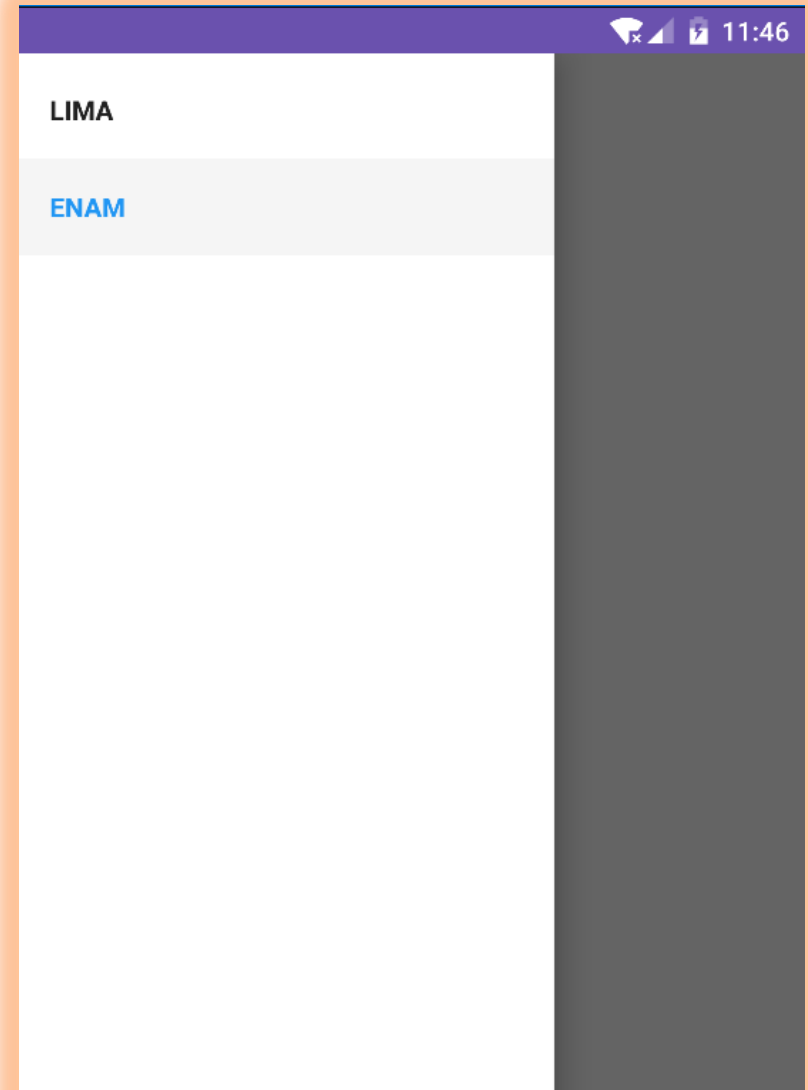
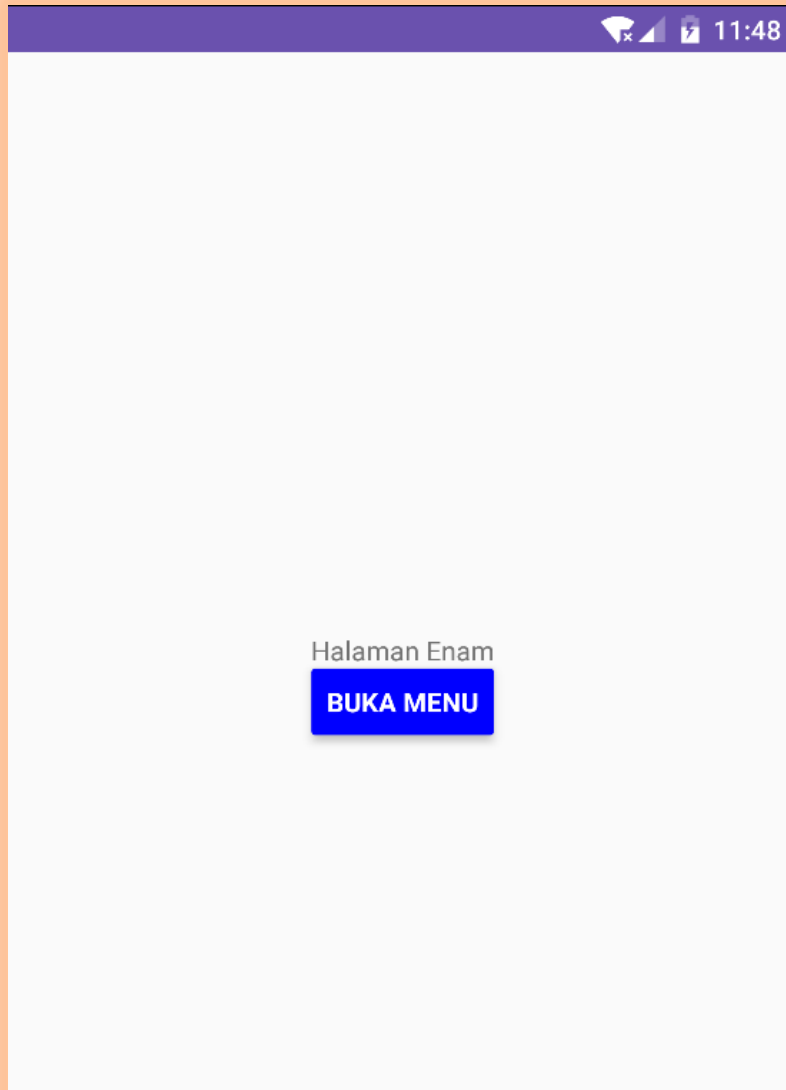
```
import React, { Component } from 'react';
import { TabNavigator } from 'react-navigation';

import Tiga from './komponen/Tiga';
import Empat from './komponen/Empat';

export default TabNavigator({
  TIGA: { screen: Tiga },
  EMPAT: { screen: Empat },
});
```



#3 Drawer Navigator



```
import React, { Component } from 'react';
import { Text, View, Button } from 'react-native';

class Lima extends Component {
  render() {
    return (
      <View style={{ flex: 1, alignItems: 'center',
        justifyContent: 'center' }}>

        <Text>Halaman Lima</Text>
        <Button title="Buka Menu" onPress={
          () => this.props.navigation.navigate('DrawerToggle')}
          color={"blue"} />

      </View>
    );
  }
}

export default Lima;
```

```
import React, { Component } from 'react';
import { Text, View, Button } from 'react-native';

class Enam extends Component {
  render() {
    return (
      <View style={{ flex: 1, alignItems: 'center',
        justifyContent: 'center' }}>

        <Text>Halaman Enam</Text>
        <Button title="Buka Menu" onPress={
          () => this.props.navigation.navigate('DrawerToggle')}
          color={"blue"} />

      </View>
    );
  }
}

export default Enam;
```

```
import React, { Component } from 'react';
import { DrawerNavigator } from 'react-navigation';

import Lima from './komponen/Lima';
import Enam from './komponen/Enam';

export default DrawerNavigator({
  LIMA: {
    screen: Lima,
  },
  ENAM: {
    screen: Enam,
  },
});
```

Mobile Development



React Navigation

#5 Routing on React Native