

Latihan Modul 5

✓ `/* Latihan 5.1 */`

➤ Source Code

`//Home.js`

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

export default class Home extends Component {
  static navigationOptions = ({navigation})=>{
    return{
      title: 'Home',
      headerStyle : {
        backgroundColor: '#6b52ae'
      },
      headerTintColor : '#fff',
      headerRight : (
        <TouchableOpacity onPress={()=> navigation.push('Cari')} style =
{{marginRight: 10}}>
          <Text style = {{color: '#fff'}}>Search</Text>
        </TouchableOpacity>
      )
    }
  };
  render(){
    return(
      <View style={styles.container}>
        <Text style={{marginBottom: 15}}>Screen Home</Text>
        <Button
          title="Ke Screen Profile"
          onPress={()=> this.props.navigation.navigate('Akun', {nama: ' Nico
Fernando Hondo', namaPanggilan: 'Nico'})}/>
      </View>
    )
  }
};
```

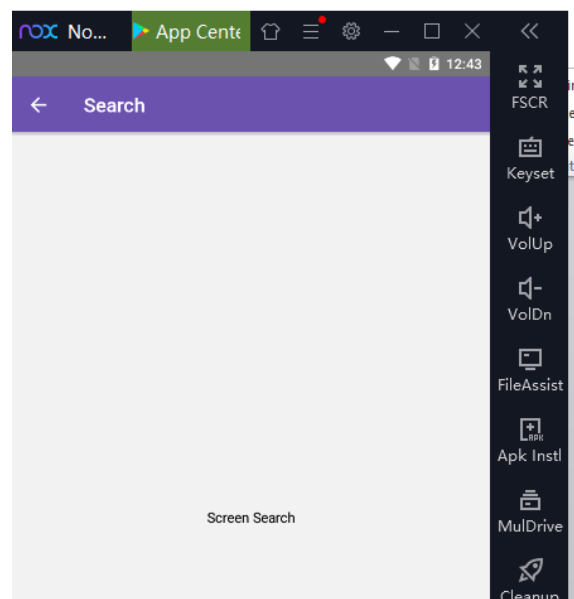
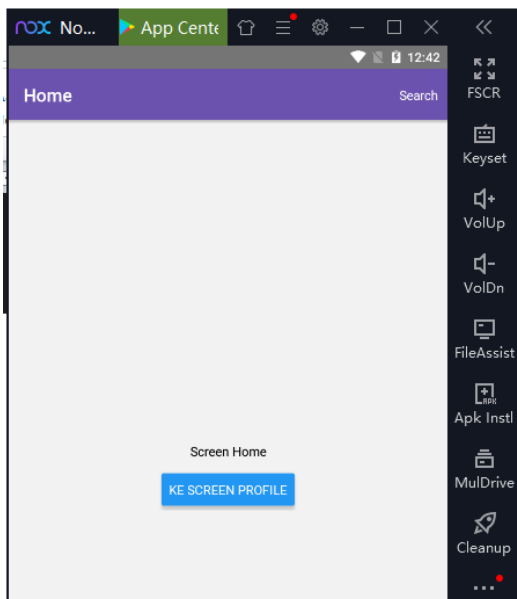
//Search.js

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

export default class Search extends Component{
  static navigationOptions= ({navigation})=>{
    return {
      title : 'Search',
      headerStyle: {
        backgroundColor: '#6b52ae'
      },
      headerTintColor: '#fff'
    }
  }
  render(){
    return(
      <View style={styles.container}>
        <Text>Screen Search</Text>
      </View>
    );
  }
};

const styles = StyleSheet.create({
  container :{
    flex : 1,
    flexDirection : 'column',
    justifyContent: 'center',
    alignItems: 'center'
  }
});
```

➤ Tampilan



✓ {/* Latihan 5.2 */}

➤ Source Code

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

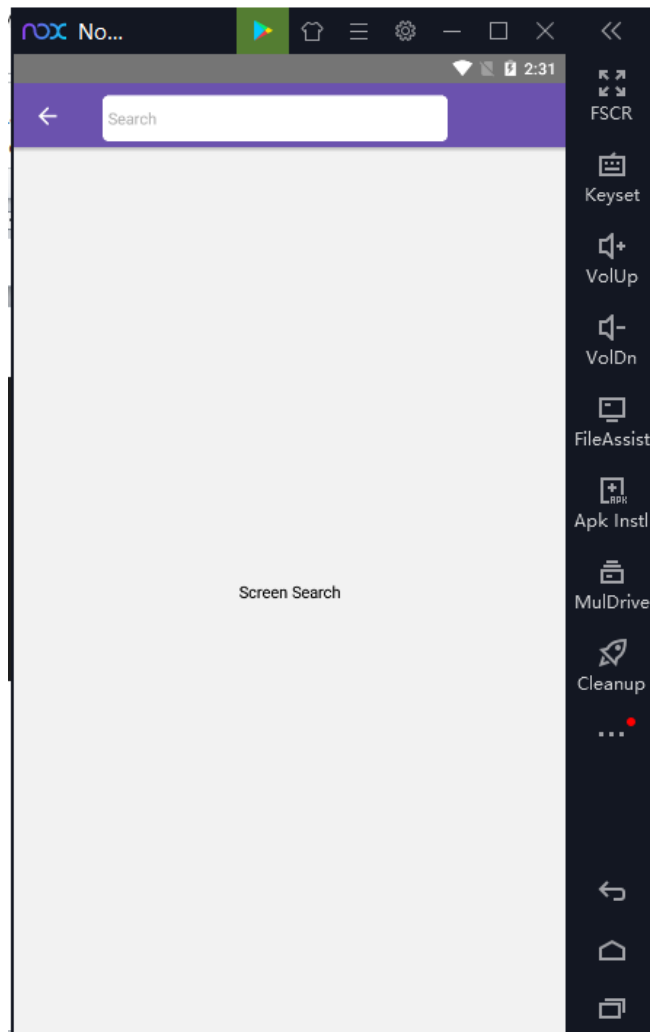
export default class Search extends Component{
  static navigationOptions= ({navigation})=>{
    return {
      headerTitle:(
        <View style={styles.inputSearchContainer}>
          <TextInput
            style={styles.inputSearch}
            placeholder= "Search"
            returnKeyType= "search"
            placeholderTextColor= "rgba(4,4,4,0.3)"/>
        </View>
      ),
      headerLeftContainerStyle: {
        padding: 3
      },
      headerStyle: {
        backgroundColor: '#6b52ae'
      },
      headerTintColor: '#fff'
    }
  }

  render(){
    return(
      <View style={styles.container}>
        <Text>Screen Search</Text>
      </View>
    );
  }
};

const styles = StyleSheet.create({
  container :{
    flex : 1,
    flexDirection : 'column',
    justifyContent: 'center',
    alignItems: 'center'
  },
  inputSearchContainer: {
    overflow: "hidden",
    marginHorizontal: 5,
    marginTop: 5,
    flexDirection: 'row',
    flexWrap: 'wrap',
```

```
        justifyContent: 'center',
        borderRadius: 5,
        backgroundColor: "rgba(0,0,0,0.03)"
    },
    inputSearch: {
        backgroundColor: '#fff',
        width: 300,
        paddingLeft: 5,
        height: 40
    }
}
})
```

➤ Tampilan



✓ { /* Latihan 5.3 */ }

➤ Source Code

```
import React from 'react';
import { createAppContainer } from 'react-navigation';
import { createStackNavigator } from 'react-navigation-stack';
import { createMaterialTopTabNavigator } from 'react-navigation-tabs';
import HomeComponent from './screens/Home';
import ProfileComponent from './screens/Profile';
import SearchComponent from './screens/Search';

const HomeStack = createStackNavigator({
  HomeRoot: {
    screen : HomeComponent
  },
  Profile: {
    screen : ProfileComponent
  },
  Search: {
    screen : SearchComponent
  }
})

const SearchStack = createStackNavigator({
  SearchRoot: {
    screen : SearchComponent
  }
})

const ProfileStack = createStackNavigator({
  ProfileRoot: {
    screen : ProfileComponent
  }
})

const TopTab = createMaterialTopTabNavigator({
  HomeRoot: {
    screen : HomeStack,
    navigationOptions: {
      tabBarLabel: 'Home'
    }
  },
  SearchRoot: {
    screen : SearchStack,
    navigationOptions: {
      tabBarLabel : 'Search'
    }
  },
  ProfileRoot: {
    screen : ProfileStack,
    navigationOptions : {
```

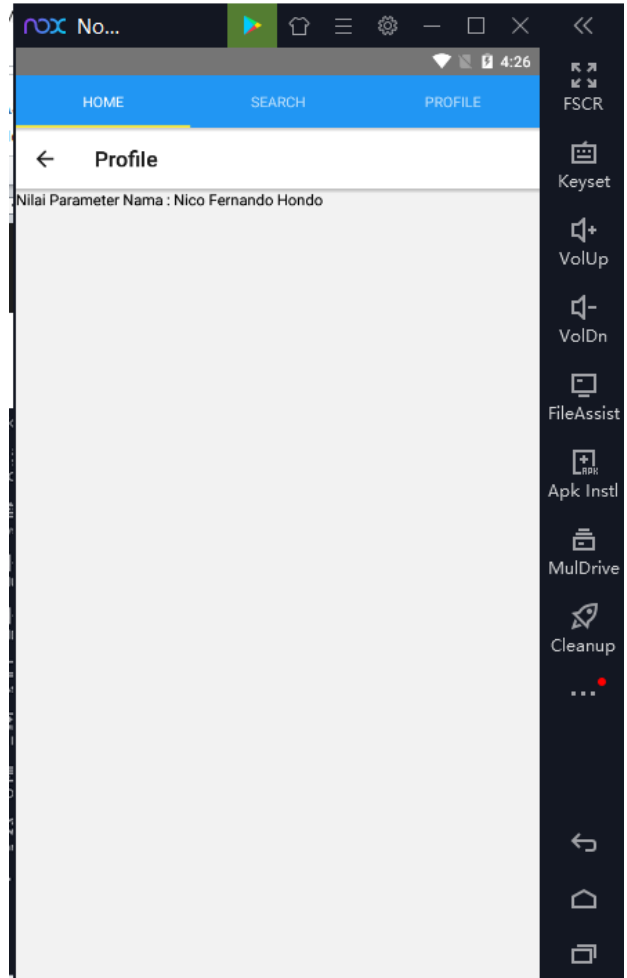
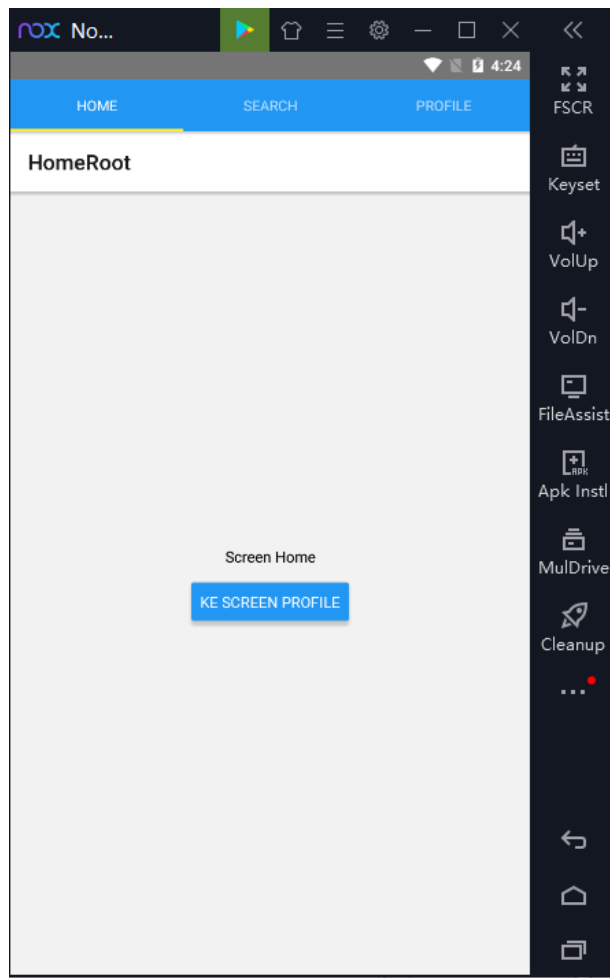
```

        tabBarLabel : 'Profile'
      }
    }
  })

export default createAppContainer(TopTab);

```

➤ Tampilan



✓ {/* Latihan 5.4 */}

➤ Source Code

```
import React from 'react';
import { createAppContainer } from 'react-navigation';
import { createStackNavigator } from 'react-navigation-stack';
import { createBottomTabNavigator } from 'react-navigation-tabs';
import HomeComponent from './screens/Home';
import ProfileComponent from './screens/Profile';
import SearchComponent from './screens/Search';

const HomeStack = createStackNavigator({
  HomeRoot: {
    screen : HomeComponent
  },
  Profile: {
    screen : ProfileComponent
  },
  Search: {
    screen : SearchComponent
  }
})

const SearchStack = createStackNavigator({
  SearchRoot: {
    screen : SearchComponent
  }
})

const ProfileStack = createStackNavigator({
  ProfileRoot: {
    screen : ProfileComponent
  }
})

const BottomTab = createBottomTabNavigator({
  HomeTab: {
    screen : HomeStack,
    navigationOptions: {
      tabBarLabel: 'Home'
    }
  },
  SearchTab: {
    screen : SearchStack,
    navigationOptions: {
      tabBarLabel : 'Search'
    }
  },
  ProfileTab: {
    screen : ProfileStack,
    navigationOptions : {
```

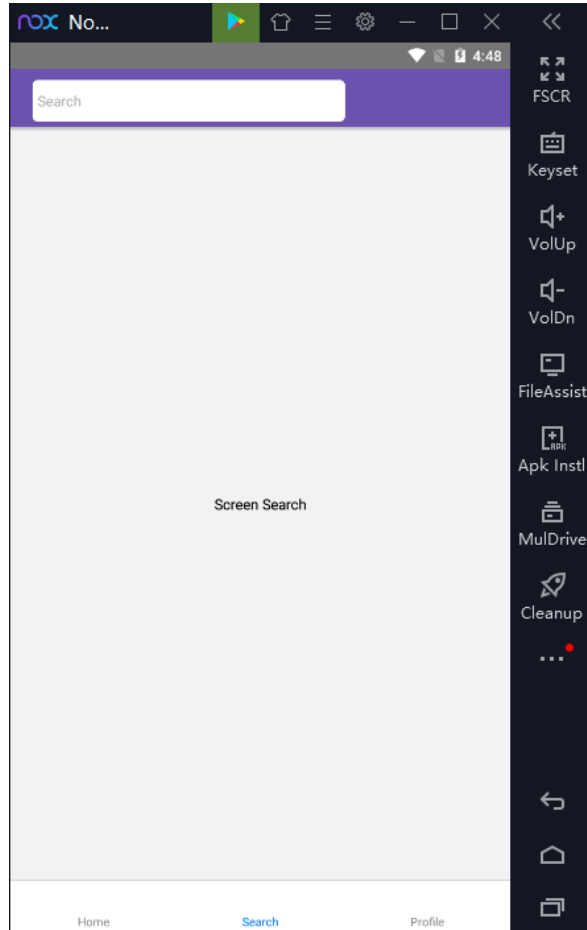
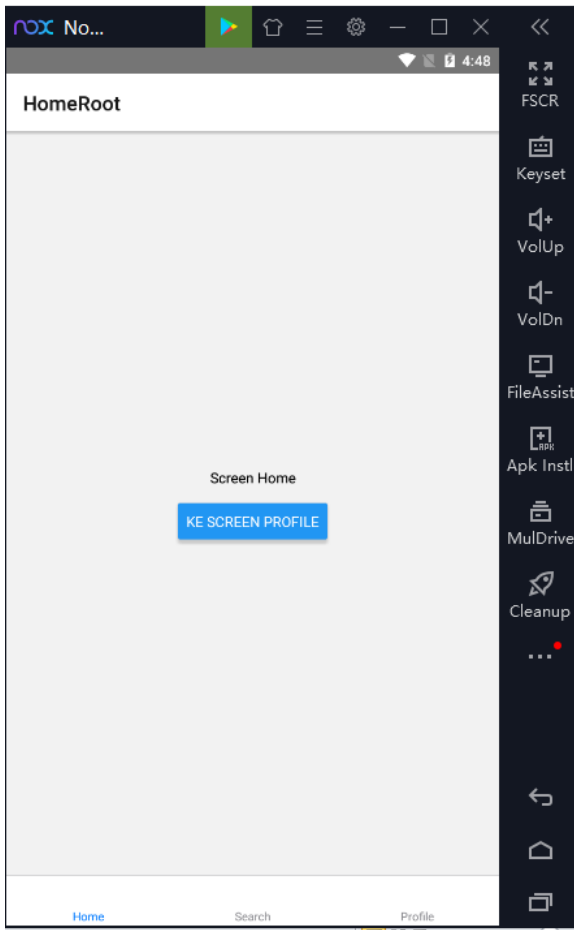
```

        tabBarLabel : 'Profile'
      }
    }
  })

export default createAppContainer(BottomTab);

```

➤ Tampilan



✓ { /* Latihan 5.5 */ }

➤ Source Code

```
import React from 'react';
import { createAppContainer } from 'react-navigation';
import { createStackNavigator } from 'react-navigation-stack';
import { createBottomTabNavigator } from 'react-navigation-tabs';
import HomeComponent from './screens/Home';
import ProfileComponent from './screens/Profile';
import SearchComponent from './screens/Search';
import Ionicons from 'react-native-vector-icons/Ionicons';

const HomeStack = createStackNavigator({
  HomeRoot: {
    screen : HomeComponent
  },
  Profile: {
    screen : ProfileComponent
  },
  Search: {
    screen : SearchComponent
  }
})

const SearchStack = createStackNavigator({
  SearchRoot: {
    screen : SearchComponent
  }
})

const ProfileStack = createStackNavigator({
  ProfileRoot: {
    screen : ProfileComponent
  }
})

const BottomTab = createBottomTabNavigator({
  HomeTab: {
    screen : HomeStack,
    navigationOptions: {
      tabBarLabel: 'Home',
      tabBarIcon: ({tintColor})=> (
        <Ionicons name="md-home" color={tintColor} size={28} />
      )
    }
  },
  SearchTab: {
    screen : SearchStack,
    navigationOptions: {
      tabBarLabel : 'Search',
      tabBarIcon: ({tintColor})=> (
```

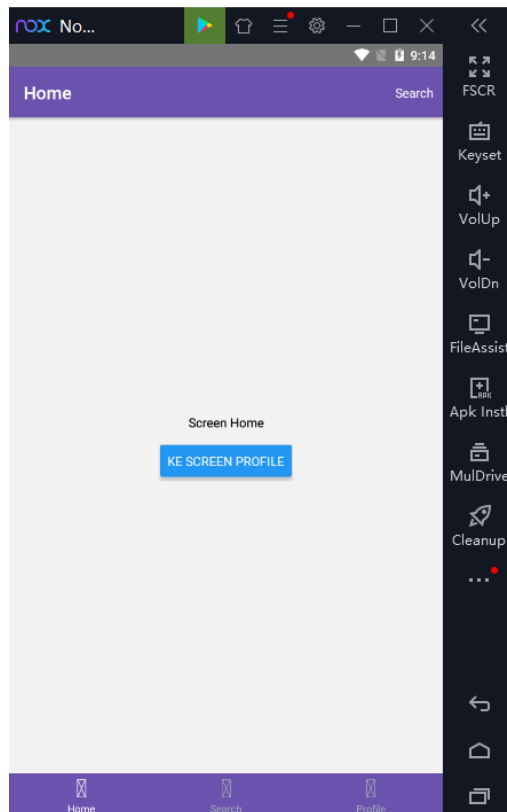
```

        <Icons name="md-search" color={tintColor} size={28} />
      )
    }
  },
  ProfileTab: {
    screen : ProfileStack,
    navigationOptions : {
      tabBarLabel : 'Profile',
      tabBarIcon: ({tintColor})=> (
        <Icons name="md-person" color={tintColor} size={28} />
      )
    }
  }
}, {
  tabBarOptions: {
    activeTintColor: '#fff',
    inactiveTintColor: '#a1aab8',
    style: {
      borderTopColor: '#fff',
      shadowColor: '#a1aab8',
      backgroundColor: '#6b52ae'
    }
  }
}
}))

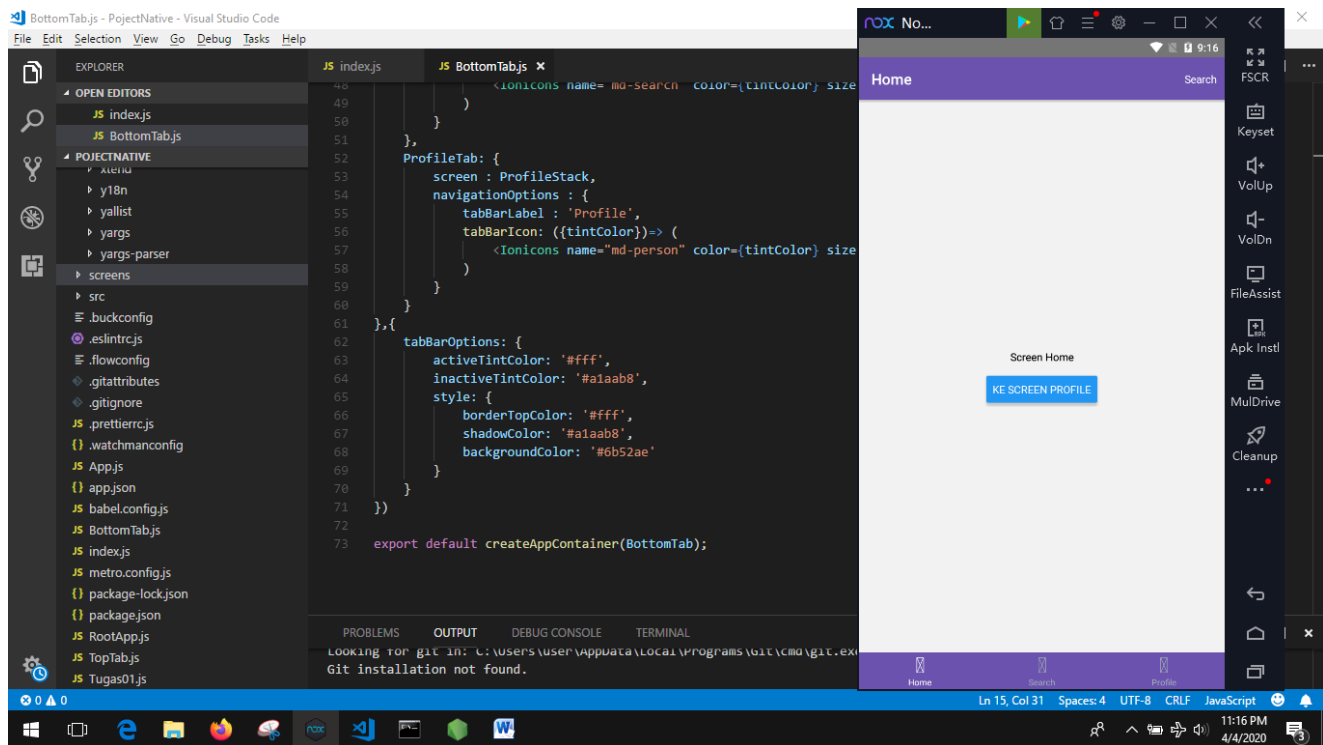
export default createAppContainer(BottomTab);

```

➤ Tampilan



✓ Tampilan Keseluruhan



****Kekurangan :** Icon Untuk BottomTab tidak berhasil untuk ditampilkan.