**React Native Stack Navigator with Typescript**

import { Stack } from "expo-router";

import Navigation from "./Navigation";

import { NavigationContainer } from "@react-navigation/native";

export default function RootLayout() {

  return (

    <NavigationContainer independent={true}>

      <Navigation />

    </NavigationContainer>

  );

}

// tutorial: https://www.youtube.com/watch?v=FBgW19Gofnk

import { View, Text } from "react-native";

import React from "react";

import { createStackNavigator } from "@react-navigation/stack";

import Home from "./screens/Home";

import Settings from "./screens/Settings";

export type RootStackParamsList = {

    Home:undefined,

    Settings:undefined

}

const Stack = createStackNavigator<RootStackParamsList>();

const Navigation = () => {

  return (

    <Stack.Navigator>

      <Stack.Screen name="Home" component={Home} />

      <Stack.Screen name="Settings" component={Settings} />

    </Stack.Navigator>

  );

};

export default Navigation;

import { View, Text } from 'react-native'

import React from 'react'

import { StackNavigationProp } from '@react-navigation/stack'

import { RootStackParamsList } from '../Navigation'

interface IHomeProp {

    navigation: StackNavigationProp<RootStackParamsList, 'Home'>

}

const Home = ({navigation}:IHomeProp) => {

    const handlerOnPress = ()=>{

        navigation.navigate('Settings')

    }

  return (

    <View>

      <Text>Home</Text>

      <Text onPress={handlerOnPress}>Goto Settings</Text>

    </View>

  )

}

export default Home

import { View, Text } from 'react-native'

import React from 'react'

import { StackNavigationProp } from '@react-navigation/stack'

import { RootStackParamsList } from '../Navigation'

interface ISettings {

    navigation: StackNavigationProp<RootStackParamsList, 'Settings'>

}

const Settings = ({navigation}:ISettings) => {

  return (

    <View>

      <Text>Settings</Text>

    </View>

  )

}

export default Settings

if

export type RootStackParamsList = {

    Home:undefined,

    Settings:{

        nm:string,

        sal:number

    }

}

    const handlerOnPress = ()=>{

        navigation.navigate('Settings', {nm:'Khan', sal:25})

    }

If

import { useRoute } from '@react-navigation/native'

interface ISettings {

    navigation: StackNavigationProp<RootStackParamsList, 'Settings'>

}

const Settings = ({navigation}:ISettings) => {

  const route = useRoute()

  console.log(route)

  return (

    <View>

      <Text>Settings</Text>

    </View>

  )

}

