

# April 22 Assignment

## Bottom Tab

### USING MATERIAL BOTTOM TAB NAVIGATOR

```
import * as React from 'react';
import {View, Image, StatusBar} from 'react-native';
import {NavigationContainer} from '@react-navigation/native';
import images from '../constants/images';
// import {createBottomTabNavigator} from '@react-navigation/bottom-tabs';
// const Tab = createBottomTabNavigator();
import {createMaterialBottomTabNavigator} from '@react-navigation/material-bottom-tabs';
const Tab = createMaterialBottomTabNavigator();
import {
  useSafeAreaInsets,
  SafeAreaProvider,
} from 'react-native-safe-area-context';
import {StyleSheet} from 'react-native';
const CustomStatusBar = ({backgroundColor}: any) => {
  const insets = useSafeAreaInsets();
  return (
    <View
      style={{
        height: insets.top,
        backgroundColor,
      }}>
      <StatusBar backgroundColor={backgroundColor} barStyle={'dark-content'} />
    </View>
  );
};
function HomeScreen() {
  return (
    <View style={styles.bg1}>
      <Image source={images.home} style={styles.image} />
    </View>
  );
}
function Previous() {
  return (
    <View style={styles.bg2}>
      <Image source={images.previous} style={styles.image} />
    </View>
  );
}
function Next() {
```

```

return (
  <View style={styles.bg3}>
    <Image source={images.next} style={styles.image} />
  </View>
);
}
function Contact() {
  return (
    <View style={styles.bg4}>
      <Image source={images.contact} style={styles.image} />
    </View>
  );
}
export default function App() {
  return (
    <SafeAreaProvider>
      <CustomStatusBar backgroundColor="rgba(248,247,247,1)" />
      <NavigationContainer>
        <Tab.Navigator
          initialRouteName="HomeScreen"
          activeColor="black"
          inactiveColor="black"
          screenOptions={{headerShown: false}}
          backBehavior="initialRoute"
          barStyle={styles.bottomBar}>
          <Tab.Screen name="Previous" component={Previous} />
          <Tab.Screen name="Home" component={HomeScreen} />
          <Tab.Screen name="Contact" component={Contact} />
          <Tab.Screen name="Next" component={Next} />
        </Tab.Navigator>
      </NavigationContainer>
    </SafeAreaProvider>
  );
}
const styles = StyleSheet.create({
  bottomBar: {
    backgroundColor: '#F4F7EB',
  },
  home: {
    flex: 1,
    justifyContent: 'center',
    alignItems: 'center',
    backgroundColor: 'white',
  },
  image: {
    height: 200,
    width: 200,
    marginLeft: 100,
    marginTop: 200,
  },
  bg1: {

```

```

    backgroundColor: 'white',
    flex: 1,
  },
  bg2: {
    backgroundColor: '#FBE8D2',
    flex: 1,
  },
  bg3: {
    backgroundColor: '#F3FCD6',
    flex: 1,
  },
  bg4: {
    backgroundColor: '#F3EAF8',
    flex: 1,
  },
});

```

## USING BOTTOM TAB NAVIGATOR

```

import * as React from 'react';
import {View, Image, StatusBar} from 'react-native';
import {NavigationContainer} from '@react-navigation/native';
import images from '../constants/images';
import {createBottomTabNavigator} from '@react-navigation/bottom-tabs';
const Tab = createBottomTabNavigator();
// import {createMaterialBottomTabNavigator} from '@react-navigation/material-
// bottom-tabs';
// const Tab = createMaterialBottomTabNavigator();
import {
  useSafeAreaInsets,
  SafeAreaProvider,
} from 'react-native-safe-area-context';
import {StyleSheet} from 'react-native';
const CustomStatusBar = ({backgroundColor}: any) => {
  const insets = useSafeAreaInsets();
  return (
    <View
      style={{
        height: insets.top,
        backgroundColor,
      }}>
      <StatusBar backgroundColor={backgroundColor} barStyle={'dark-content'} />
    </View>
  );
};
function HomeScreen() {
  return (
    <View style={styles.bg1}>
      <Image source={images.home} style={styles.image} />
    </View>
  );
}

```

```

    </View>
  );
}
function Previous() {
  return (
    <View style={styles.bg2}>
      <Image source={images.previous} style={styles.image} />
    </View>
  );
}
function Next() {
  return (
    <View style={styles.bg3}>
      <Image source={images.next} style={styles.image} />
    </View>
  );
}
function Contact() {
  return (
    <View style={styles.bg4}>
      <Image source={images.contact} style={styles.image} />
    </View>
  );
}
export default function App() {
  return (
    <SafeAreaProvider>
      <CustomStatusBar backgroundColor="rgba(248,247,247,1)" />
      <NavigationContainer>
        <Tab.Navigator
          initialRouteName="HomeScreen"
          activeColor="black"
          inactiveColor="black"
          screenOptions={{headerShown: false}}
          backBehavior="initialRoute"
          barStyle={styles.bottomBar}>
          <Tab.Screen name="Previous" component={Previous} />
          <Tab.Screen name="Home" component={HomeScreen} />
          <Tab.Screen name="Contact" component={Contact} />
          <Tab.Screen name="Next" component={Next} />
        </Tab.Navigator>
      </NavigationContainer>
    </SafeAreaProvider>
  );
}
const styles = StyleSheet.create({
  bottomBar: {
    backgroundColor: '#F4F7EB',
  },
  home: {
    flex: 1,

```

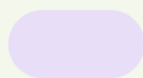
```
        justifyContent: 'center',
        alignItems: 'center',
        backgroundColor: 'white',
    },
    image: {
        height: 200,
        width: 200,
        marginLeft: 100,
        marginTop: 200,
    },
    bg1: {
        backgroundColor: 'white',
        flex: 1,
    },
    bg2: {
        backgroundColor: '#FBE8D2',
        flex: 1,
    },
    bg3: {
        backgroundColor: '#F3FCD6',
        flex: 1,
    },
    bg4: {
        backgroundColor: '#F3EAF8',
        flex: 1,
    },
    },
    });
```

Output :- USING MATERIAL BOTTOM TAB NAVIGATOR

6:25



Previous



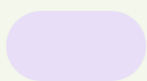
Home

Contact

Next



6:25



Previous

Home

Contact

Next



6:25



Previous

Home

Contact

Next





6:25

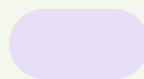


Previous

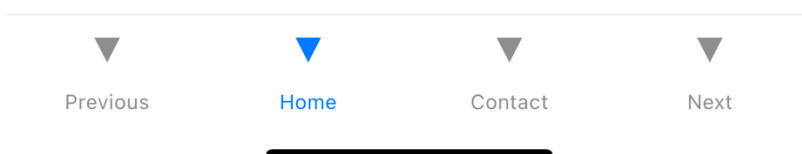
Home

Contact

Next



Output :- USING BOTTOM TAB NAVIGATOR



6:25



Previous



Home



Contact



Next



6:26



Previous



Home



Contact



Next



6:26



Previous



Home



Contact



Next

