

8. Develop an application that Navigates from one Screen to another (Seamless navigation).

```
import 'package:flutter/material.dart';

void main() {
  runApp(const MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Navigation Example',
      theme: ThemeData(primarySwatch: Colors.blue),
      home: const FirstScreen(),
    );
  }
}

class FirstScreen extends StatelessWidget {
  const FirstScreen({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: const Text('First Screen')),
      body: Center(
        child: ElevatedButton(
          onPressed: () {
            // Navigate to SecondScreen using Navigator.push
            Navigator.push(
              context,
              MaterialPageRoute(builder: (context) => const SecondScreen()),
            );
          },
          child: const Text('Go to Second Screen'),
        ),
      ),
    );
  }
}
```

```
}
```

```
class SecondScreen extends StatelessWidget {  
  const SecondScreen({super.key});
```

```
  @override
```

```
  Widget build(BuildContext context) {
```

```
    return Scaffold(  
      appBar: AppBar(title: const Text('Second Screen')),
```

```
      body: Center(  
        child: ElevatedButton(  
          onPressed: () {
```

```
            // Navigate back to FirstScreen using Navigator.pop
```

```
            Navigator.pop(context);  
          },  
          child: const Text('Back to First Screen'),
```

```
        ),
```

```
      ),
```

```
    );
```

```
  }
```

```
}
```