

Exercise

- Modify the SecondRoute widget to display the image of the dice that was rolled in the main route. For example, if the main route shows a dic-3 image, the SecondRoute widget should display the same image.
- Modify the SecondRoute widget to display the number of times the dice was rolled in the main route. For example, if the dice was rolled 5 times in the main route, the SecondRoute widget should display the number 5.

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

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

class DiceRoll {
  int number;
  int rollCount;

  DiceRoll(this.number, this.rollCount);
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: FirstRoute(),
    );
  }
}

class FirstRoute extends StatefulWidget {
  @override
```

```

    _FirstRouteState createState() => _FirstRouteState();
}

class _FirstRouteState extends State<FirstRoute> {
    DiceRoll diceRoll = DiceRoll(1, 0); // Initialize diceRoll

    List<String> diceImages = [
        'https://www.i2clipart.com/cliparts/b/e/9/2/clipart-dado-1-256x256-be92.png',
        'https://www.i2clipart.com/cliparts/4/7/8/2/clipart-dado-2-512x512-4782.png',
        'https://www.i2clipart.com/cliparts/a/9/e/5/clipart-dado-3-512x512-a9e5.png',
        'https://www.i2clipart.com/cliparts/c/0/f/4/clipart-dado-4-512x512-c0f4.png',
        'https://www.i2clipart.com/cliparts/2/3/3/b/clipart-dado-5-512x512-233b.png',
        'https://www.i2clipart.com/cliparts/e/e/0/9/clipart-dado-6-512x512-ee09.png',
    ];

    @override
    Widget build(BuildContext context) {
        return Scaffold(
            appBar: AppBar(
                title: Text('First Route'),
            ),
            body: Center(
                child: Column(
                    mainAxisAlignment: MainAxisAlignment.center,
                    children: [
                        Image.network(diceImages[diceRoll.number - 1]),
                        SizedBox(height: 20),
                        Text('Roll Count: ${diceRoll.rollCount}'),
                        SizedBox(height: 20),
                        ElevatedButton(
                            onPressed: () {
                                setState(() {

```

```

        diceRoll = DiceRoll((1 + DateTime.now().second) % 6
+ 1,
        diceRoll.rollCount + 1);
    });
    Navigator.push(
        context,
        MaterialPageRoute(
            builder: (context) => SecondRoute(diceRoll,
diceImages)),
        );
    },
    child: Text('Roll Dice'),
),
],
),
),
);
}
}

```

Second_route.dart

```

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

class SecondRoute extends StatelessWidget {
  final DiceRoll diceRoll;
  final List<String> diceImages;

  SecondRoute(this.diceRoll, this.diceImages);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Second Route'),
      ),
    ),
  },
)

```

```

body: Center(
  child: Column(
    mainAxisAlignment: MainAxisAlignment.center,
    children: [
      Image.network(diceImages[diceRoll.number - 1]),
      SizedBox(height: 20),
      Text('Dice Number: ${diceRoll.number}'),
      SizedBox(height: 20),
      Text('Roll Count: ${diceRoll.rollCount}'),
    ],
  ),
),
);
}
}

```





