Day # 4
Topic :Lottery App

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

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

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

  @override
  State<MyApp> createState() => _MyAppState();
}

Random random = Random();
 int x = 0;

class _MyAppState extends State<MyApp> {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: Scaffold(
        appBar: AppBar(
          backgroundColor: Colors.blue,
          title: Text("MY LOTTERY APP"),
        ),
        body: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          crossAxisAlignment: CrossAxisAlignment.center,
          children: [
            Center(child: Text("Lottery number is:4")),
            Container(
              height: 250,
              decoration:
                  BoxDecoration(color:x==4 ? Colors.greenAccent:
Colors.blueGrey.withOpacity(0.2)),
              child:Padding(
                padding: EdgeInsets.all(15.0),

                child:x==4
                    ? Column(
                  mainAxisAlignment: MainAxisAlignment.center,
                  crossAxisAlignment: CrossAxisAlignment.center,
                  children: [
                    Icon(
                      Icons.done_all,
                      color: Colors.green,
```

```dart
              size: 50,
            ),
            SizedBox(
              height: 20,
            ),
            Text("Congratulations you  have won the lottery $x")
          ],
        ) :
        Column(
          mainAxisAlignment: MainAxisAlignment.center,
          crossAxisAlignment: CrossAxisAlignment.center,
          children: [
            Icon(
              Icons.error,
              color: Colors.red,
              size: 50,
            ),
            SizedBox(
              height: 20,
            ),
            Text("Better luck next time your number is $x")
          ],
        ),
      ),
    )
  ],
),
floatingActionButton: FloatingActionButton(
  backgroundColor: Colors.cyan,
  onPressed: () {
    x = random.nextInt(10);
    print(x);
    setState(() {});
  },
  child: Icon(Icons.refresh),
),
    ),
  );
 }
}
```

MY LOTTERY APP

Lottery number is:4

Better luck next time your number is 7

MY LOTTERY APP

Lottery number is:4

Congratulations you have won the lottery 4