

- Links

- ✓ <https://github.com/WasiUrRehmanQamar/MobileApplicationDevelopment>
- ✓ <https://mad-lab5-q1.web.app>
- ✓ <https://mad-lab5-q2.web.app>

- Task 1

```
// ignore_for_file: deprecated_member_use, avoid_unnecessary_containers,  
prefer_const_constructors, avoid_print, unused_import, unused_local_variable  
import 'dart:math';  
import 'package:flutter/material.dart';
```

```
void main() {  
  runApp(const BallPage());  
}
```

```
class BallPage extends StatelessWidget {  
  const BallPage({Key? key}) : super(key: key);
```

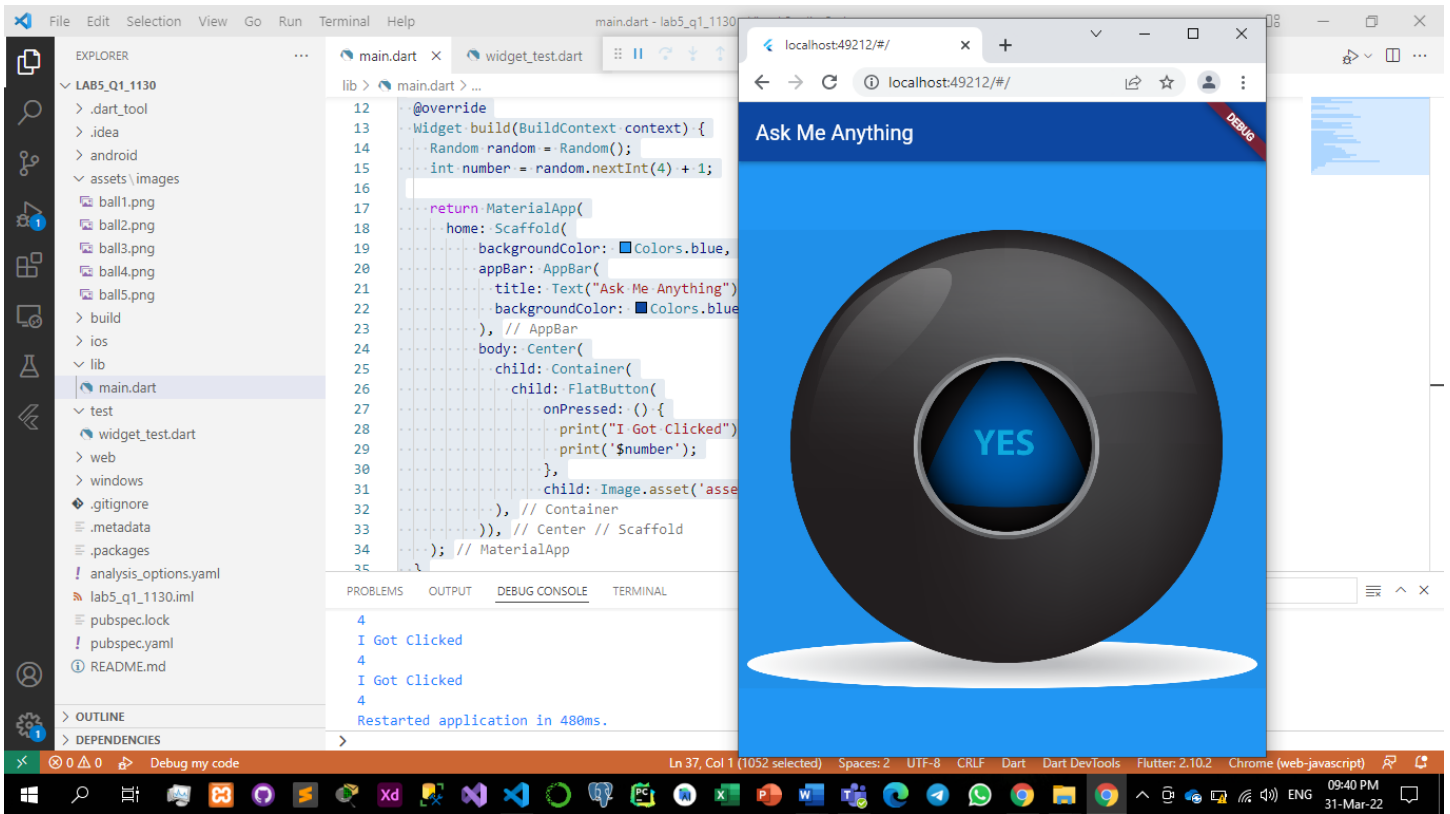
```
@override  
Widget build(BuildContext context) {  
  Random random = Random();  
  int number = random.nextInt(4) + 1;
```

```
  return MaterialApp(  
    home: Scaffold(  
      backgroundColor: Colors.blue,  
      appBar: AppBar(  
        title: Text("Ask Me Anything"),  
        backgroundColor: Colors.blue[900],  
      ),  
      body: Center(  
        child: Container(  
          child: FlatButton(  
            onPressed: () {  
              print("I Got Clicked");  
              print('$number');  
            },  
            child: Image.asset('assets/images/ball1.png'),  
          ),  
        ),  
      ),  
    ),  
  );
```

```

    ));
  };
}
}

```



• Task 2

```

// ignore_for_file: deprecated_member_use, prefer_const_constructors,
prefer_equal_for_default_values, use_function_type_syntax_for_parameters, unused_import,
avoid_unnecessary_containers, non_constant_identifier_names

```

```

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

```

```

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

```

```

class MyApp extends StatefulWidget {
  const MyApp({Key? key}) : super(key: key);

```

```

  @override

```

```

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

class _MyAppState extends State<MyApp> {
  AudioCache audioCache = AudioCache();
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: Scaffold(
        body: Container(
          child: Row(crossAxisAlignment: CrossAxisAlignment.stretch, children: [
            Buttons(1, Colors.yellow),
            Buttons(2, Colors.black),
            Buttons(3, Colors.purple),
            Buttons(4, Colors.blue),
            Buttons(5, Colors.orange),
            Buttons(6, Colors.red),
            Buttons(7, Colors.green),
          ]),
        ),
      );
  }
}

```

```

Expanded Buttons(Audio, CustomColor) {
  return Expanded(
    child: FlatButton(
      color: CustomColor,
      onPressed: () {
        audioCache.play('note$Audio.wav');
      },
      child: Text(""),
    ));
}

```

