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**MOBILE APPLICATION DEVELOPMENT**

**LAB-2**

**BSSE-6TH**

**GITHUB LINK:**

[**https://github.com/AmnaImran90/flutter-labs**](https://github.com/AmnaImran90/flutter-labs)

**Firebase question 1 link:**

[lab2-q1-625b0.web.app](https://lab2-q1-625b0.web.app/)

**Firebase question 2 link:**

[lab2-q3.web.app](https://lab2-q3.web.app/)

**QUESTION NO 1**

**PROGRAM:**

import 'package:flutter/material.dart';

void main() {

  runApp(const MyApp());

}

class MyApp extends StatelessWidget {

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

  @override

  Widget build(BuildContext context) {

    return MaterialApp(

      title: 'Lab 2',

      home: const MyHomePage(title: 'Mobile app dev lab'),

    );

  }

}

class MyHomePage extends StatefulWidget {

  const MyHomePage({Key? key, required this.title}) : super(key: key);

  final String title;

  @override

  State<MyHomePage> createState() => \_MyHomePageState();

}

class \_MyHomePageState extends State<MyHomePage> {

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: Text(widget.title),

        backgroundColor: Colors.brown,

      ),

      body: Center(

        child: Column(

          mainAxisAlignment: MainAxisAlignment.center,

          children: <Widget>[

            const Text(

              'You have pressed the button 0 times',

            ),

          ],

        ),

      ),

      backgroundColor: Colors.blueGrey,

      floatingActionButton: FloatingActionButton(

        onPressed: () {},

        tooltip: ' This button is not functional',

        child: const Icon(Icons.add),

      ),

    );

  }

}

**EXECUTION:**

Graphical user interface, text

Description automatically generated

**QUESTION NO 2**

**PROGRAM:**

import 'package:flutter/material.dart';

void main() {

  runApp(const MyApp());

}

class MyApp extends StatelessWidget {

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

  @override

  Widget build(BuildContext context) {

    return MaterialApp(

      title: 'Lab 2',

      home: const MyHomePage(title: 'I Am Rick'),

    );

  }

}

class MyHomePage extends StatefulWidget {

  const MyHomePage({Key? key, required this.title}) : super(key: key);

  final String title;

  @override

  State<MyHomePage> createState() => \_MyHomePageState();

}

class \_MyHomePageState extends State<MyHomePage> {

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: Text(widget.title),

        backgroundColor: Color.fromARGB(255, 211, 49, 37),

      ),

      body: Container(

        child: Center(

          child: Column(

            mainAxisAlignment: MainAxisAlignment.center,

            children: <Widget>[

              Image(image: AssetImage('assets/download.jpg')),

            ],

          ),

        ),

      ),

      backgroundColor: Color.fromARGB(255, 87, 138, 29),

    );

  }

}

**EXECUTION:**

Graphical user interface, website

Description automatically generated