Practical-10

Aim : Introduction to tab views.

What is TabView in Flutter?

TabBar is used to create the tabs, while TabBarView is used to define the content of each tab. Flutter already handles how to switch between tabs, which makes it easier for us. In addition, Flutter also makes it possible to customize the style and behavior of the tab layout.

What is default tab view Flutter?

DefaultTabController is an inherited widget that is used to share a TabController with a TabBar or a TabBarView. It's used when sharing an explicitly created TabController isn't convenient because the tab bar widgets are created by a stateless parent widget or by different parent widgets.

Code :

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Tab View',
      theme: ThemeData(

        primarySwatch: Colors.deepOrange,
      ),
      home: const MyHomePage(),
    );
  }
}

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

```
  @override
 Widget build(BuildContext context) {
  return DefaultTabController(
     length: 6,
     child: Scaffold(
      appBar: AppBar(
       title: Text("Practical - 10"),
       bottom: TabBar(
        tabs: [
          Tab(
           icon: Icon(Icons.home_filled),
           text: "home",
          ),
          Tab(
           icon: Icon(Icons.videogame_asset),
           text: "games",
          ),
          Tab(
           icon: Icon(Icons.cake),
           text: "cake",
          ),
          Tab(
           icon: Icon(Icons.account_box_outlined),
           text: "Account",
          ),
          Tab(
           icon: Icon(Icons.add_a_photo),
           text: "Add image",
          )
        ],
       ),
      ),
     ));
 }
}
```

Output :