



**DHARMSINH DESAI UNIVERSITY,
NADIAD**

**FACULTY OF TECHNOLOGY
DEPARTMENT OF COMPUTER
ENGINEERING**

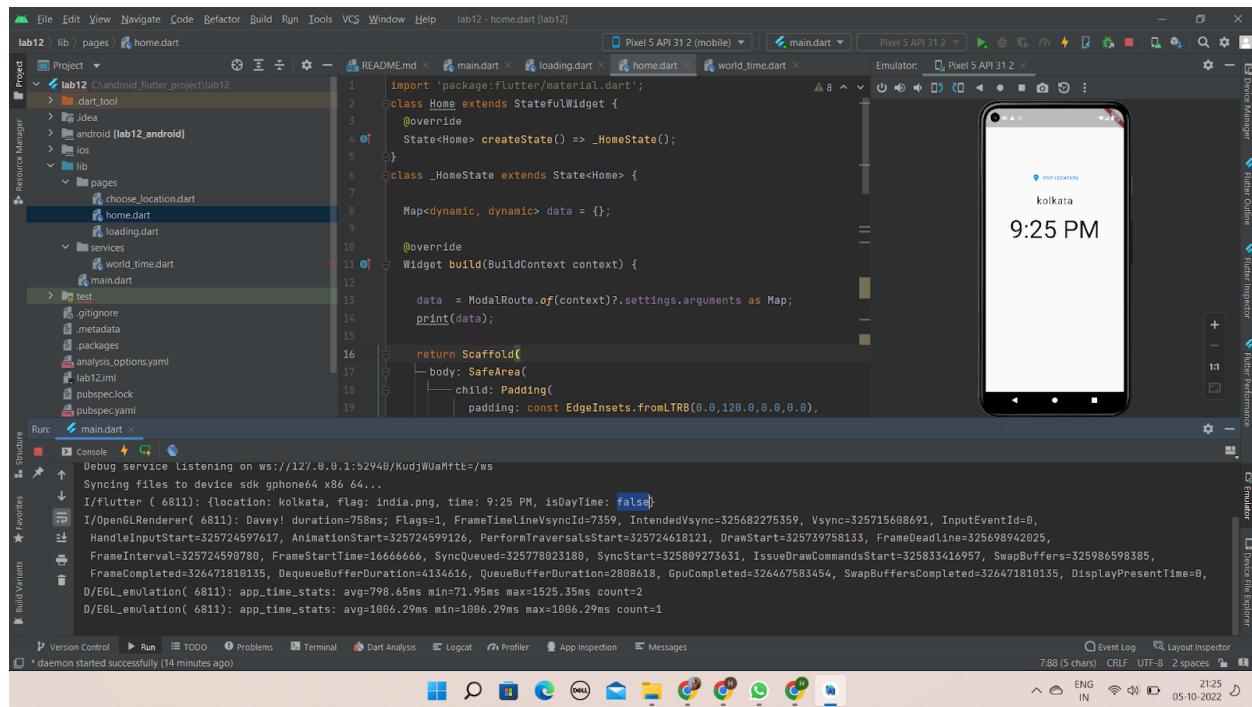
SUBJECT: SMART DEVICE PROGRAMMING

Name: Tulsi Lukhi

Roll no.: CE062

ID: 20CEUOG137

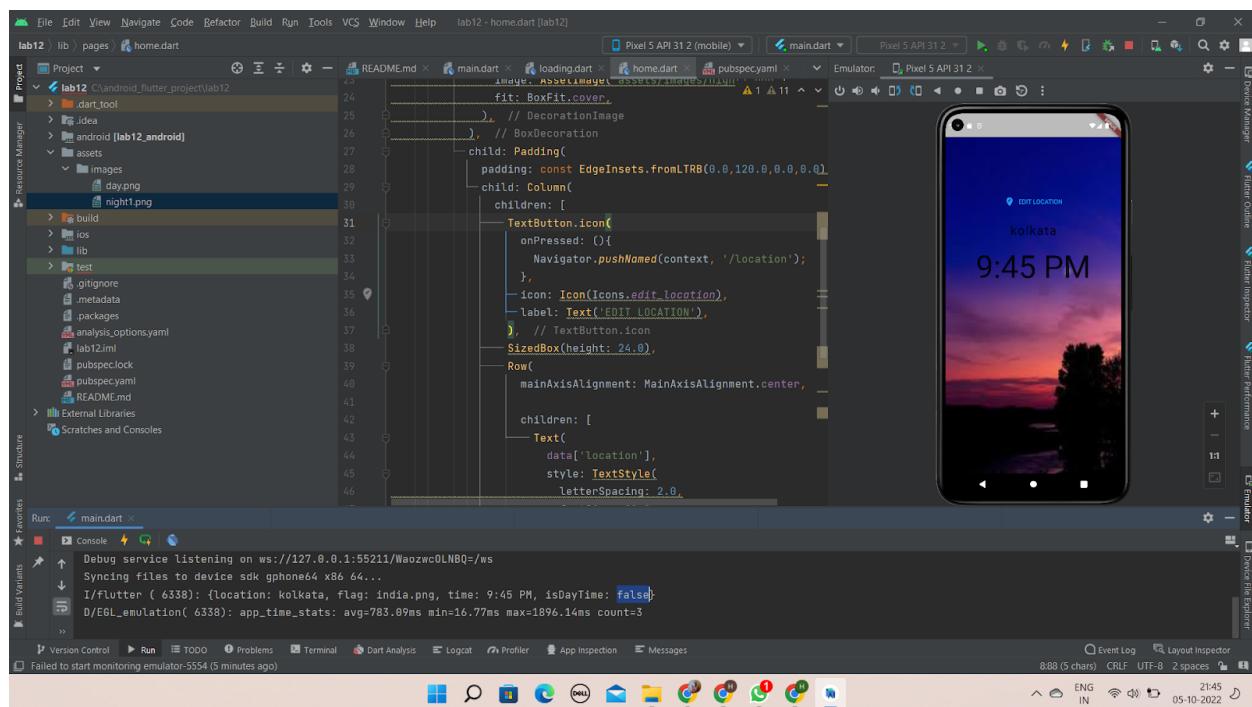
Lab 12



The screenshot shows the Android Studio interface with the project 'lab12' open. The code editor displays the 'home.dart' file, which contains the following code:

```
import 'package:flutter/material.dart';
class Home extends StatefulWidget {
  @override
  State<Home> createState() => _HomeState();
}
class _HomeState extends State<Home> {
  Map<dynamic, dynamic> data = {};
  @override
  Widget build(BuildContext context) {
    data = ModalRoute.of(context).settings.arguments as Map;
    print(data);
    return Scaffold(
      body: SafeArea(
        child: Padding(
          padding: const EdgeInsets.fromLTRB(0.0, 120.0, 0.0, 0.0),
          child: Column(
            mainAxisAlignment: MainAxisAlignment.end,
            children: [
              TextButton.icon(
                onPressed: () {
                  Navigator.pushNamed(context, '/location');
                },
                icon: Icon(Icons.edit_location),
                label: Text('EDIT LOCATION'),
              ),
              Row(
                mainAxisSize: MainAxisSize.center,
                children: [
                  Text(
                    data['location'],
                    style: TextStyle(
                      letterSpacing: 2.0,
                    ),
                  ),
                ],
              ),
            ],
          ),
        ),
      ),
    );
  }
}
```

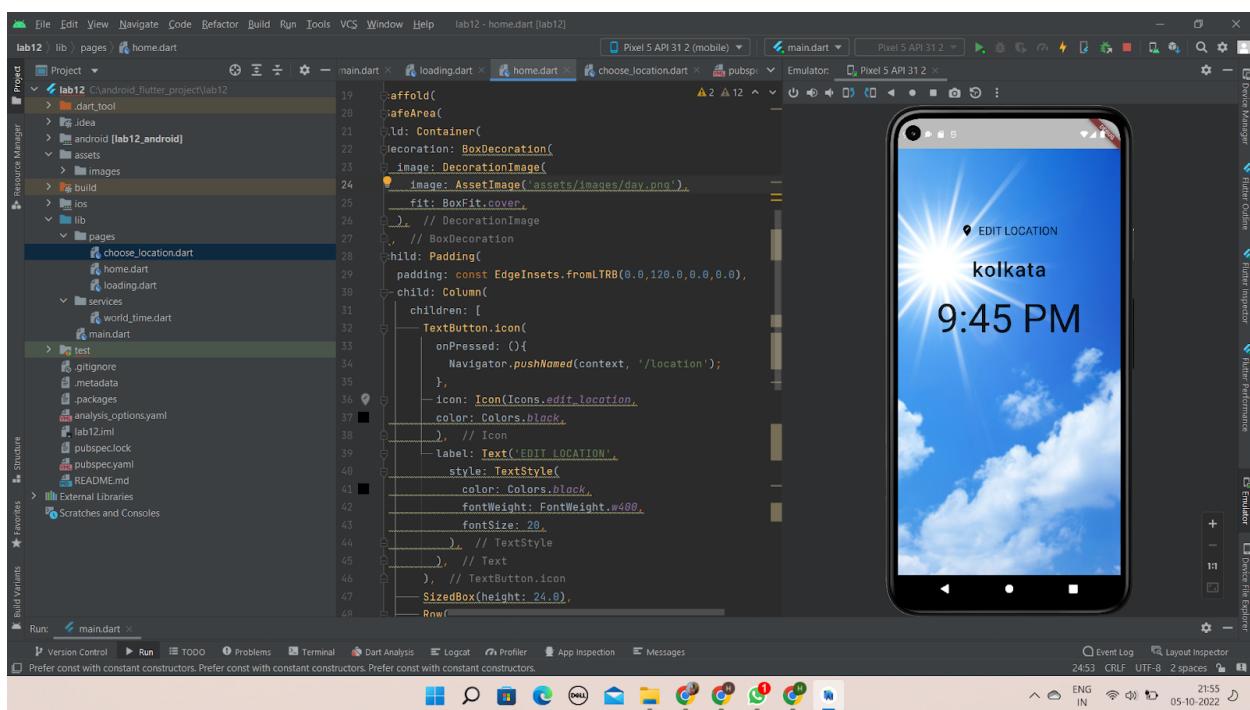
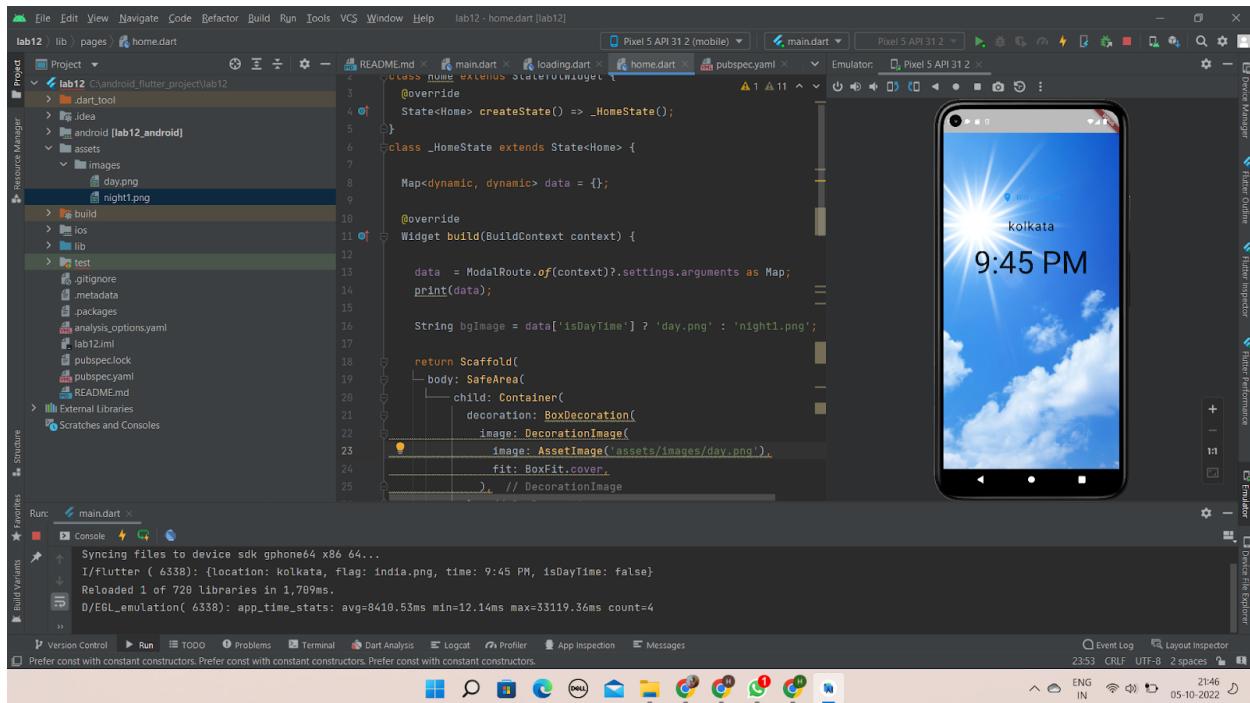
The emulator on the right shows a smartphone screen with the text "kolkata" and the time "9:25 PM". The bottom status bar shows the date as 05-10-2022.

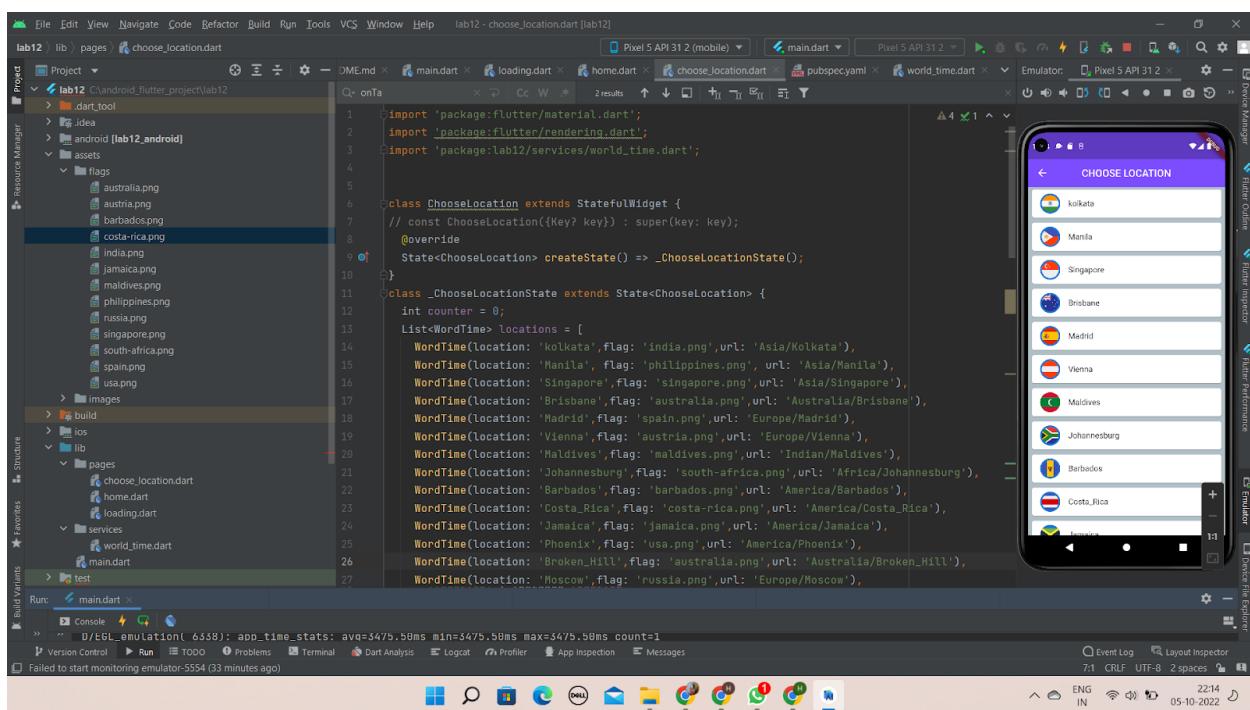
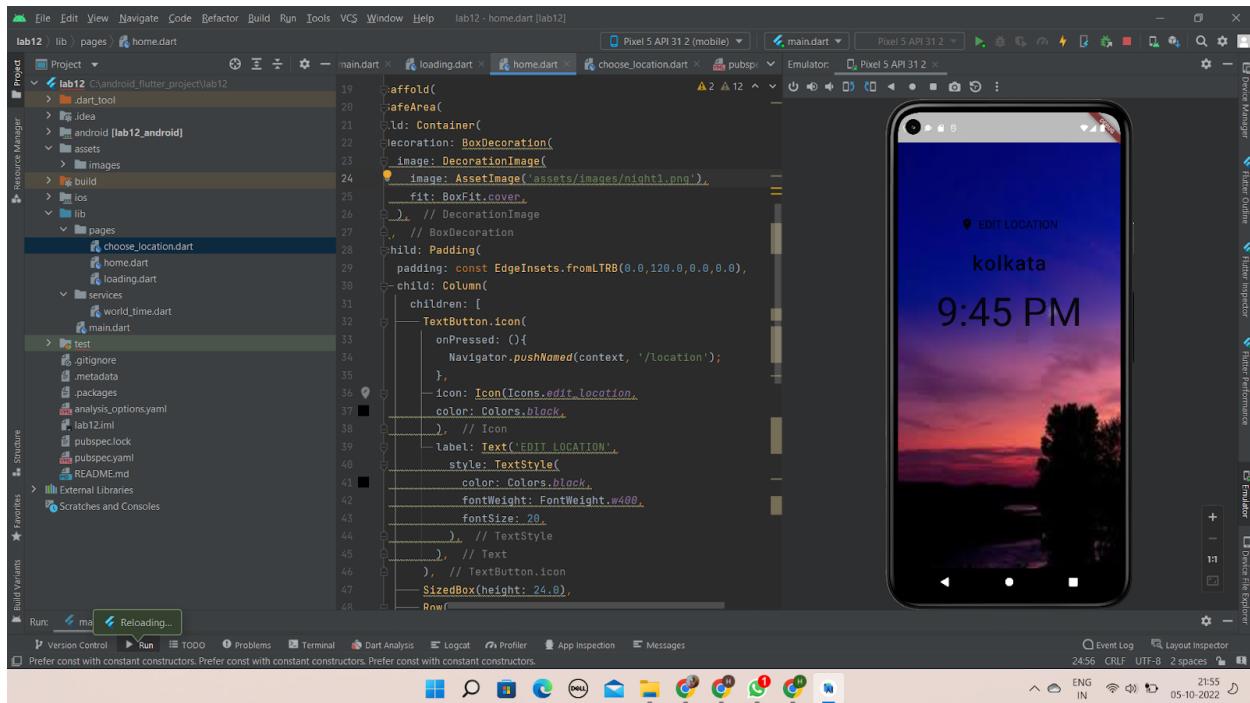


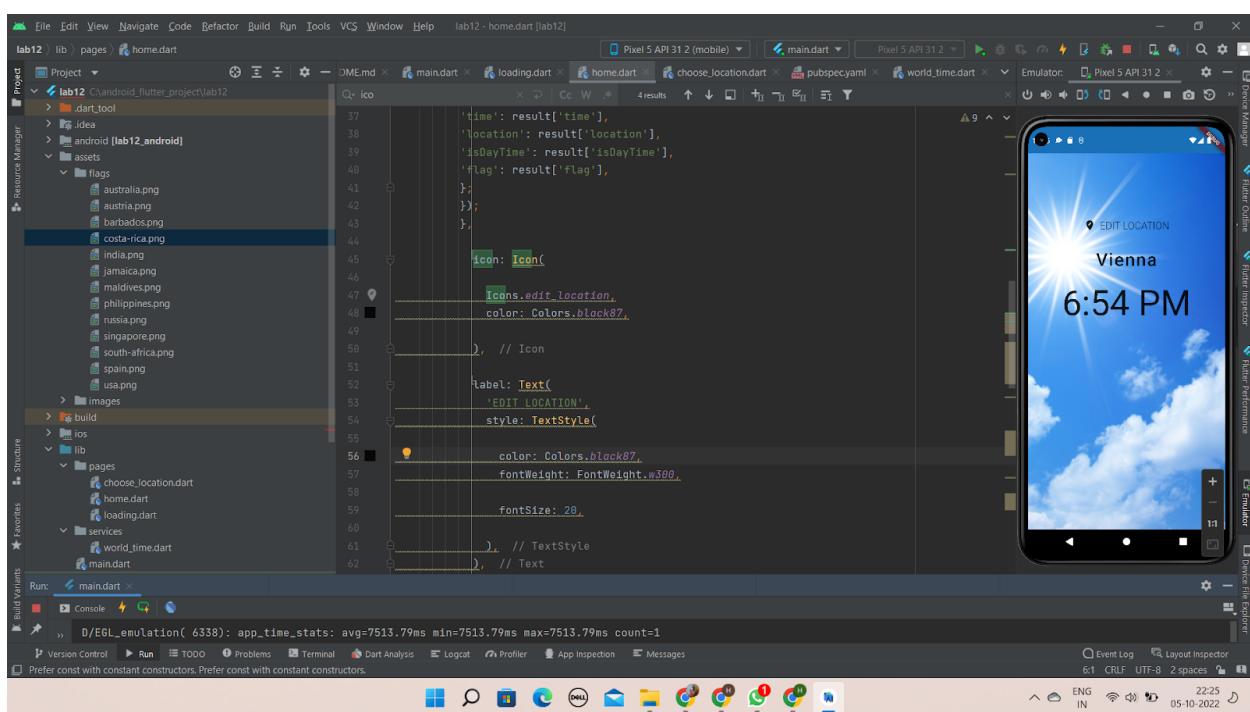
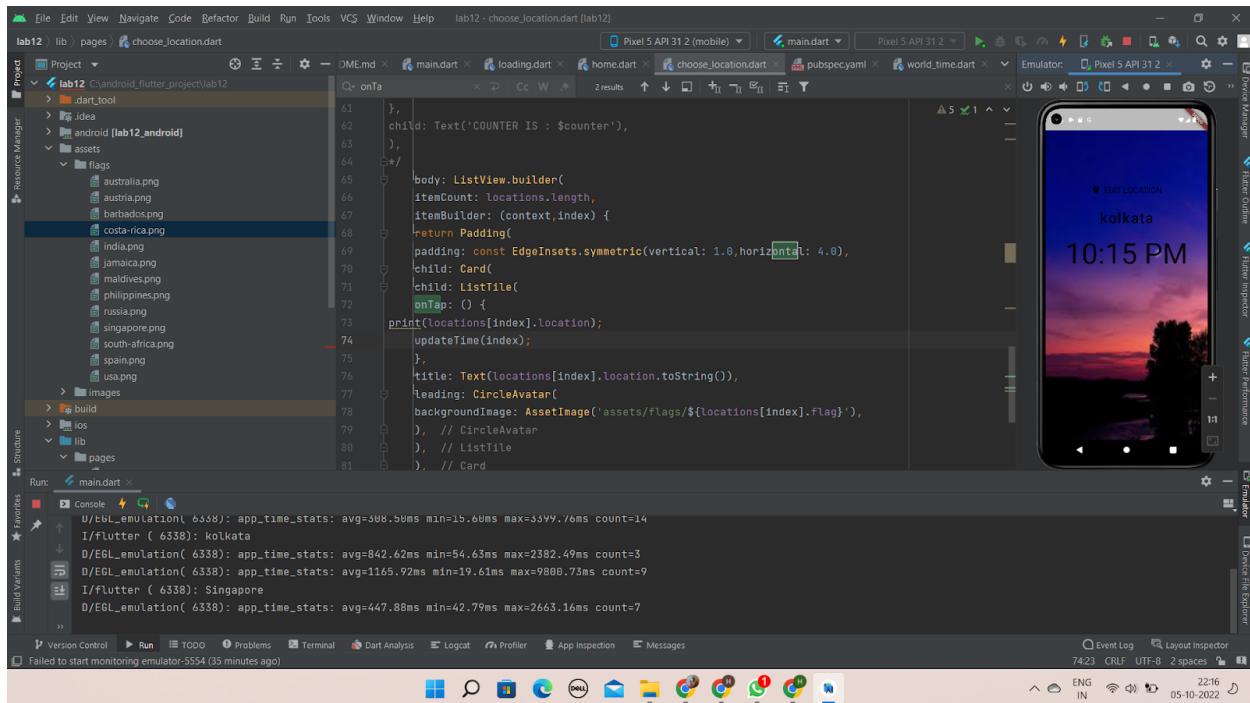
The screenshot shows the Android Studio interface with the project 'lab12' open. The code editor displays the 'home.dart' file, which contains the following code:

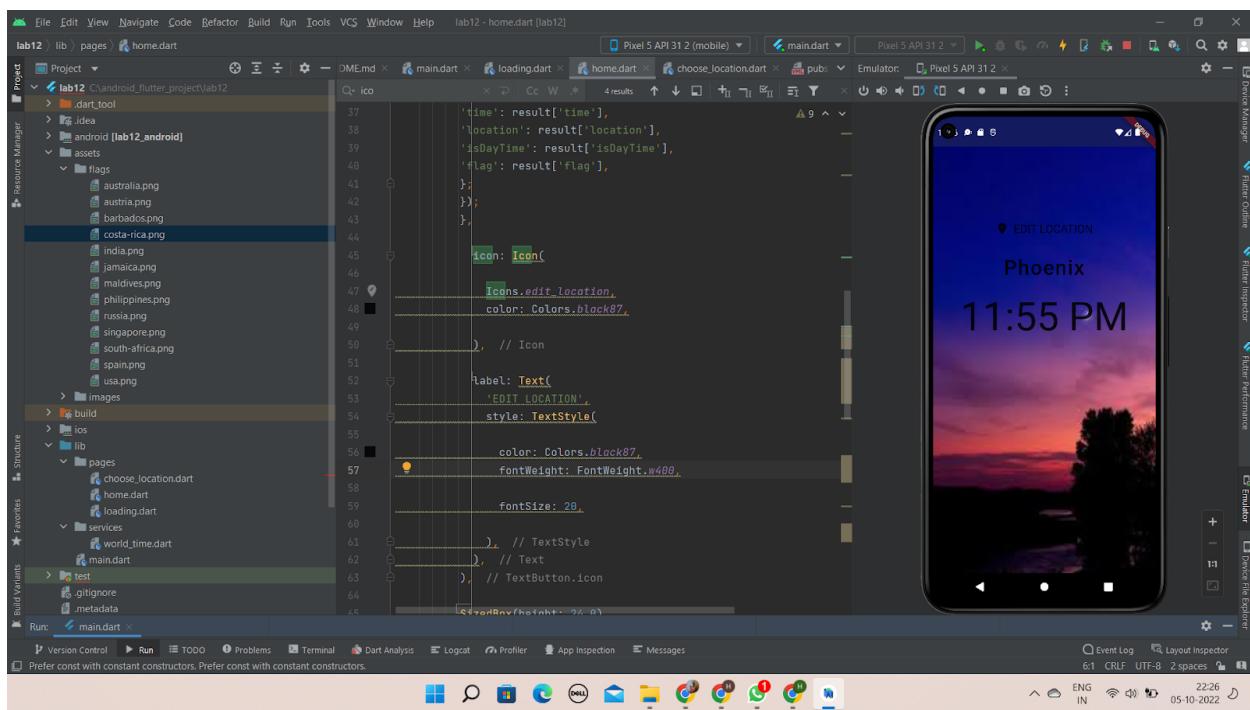
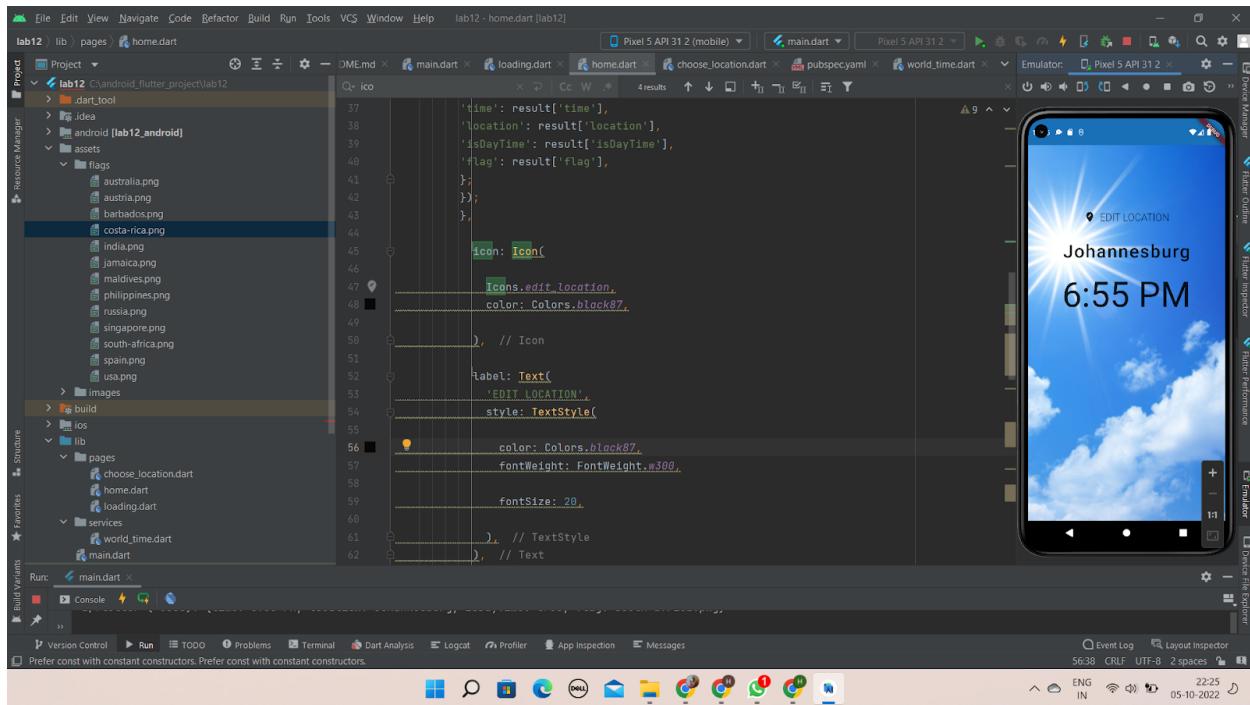
```
import 'package:flutter/material.dart';
class Home extends StatefulWidget {
  @override
  State<Home> createState() => _HomeState();
}
class _HomeState extends State<Home> {
  Map<dynamic, dynamic> data = {};
  @override
  Widget build(BuildContext context) {
    data = ModalRoute.of(context).settings.arguments as Map;
    print(data);
    return Scaffold(
      body: SafeArea(
        child: Padding(
          padding: const EdgeInsets.fromLTRB(0.0, 120.0, 0.0, 0.0),
          child: Column(
            mainAxisAlignment: MainAxisAlignment.end,
            children: [
              TextButton.icon(
                onPressed: () {
                  Navigator.pushNamed(context, '/location');
                },
                icon: Icon(Icons.edit_location),
                label: Text('EDIT LOCATION'),
              ),
              Row(
                mainAxisSize: MainAxisSize.center,
                children: [
                  Text(
                    data['location'],
                    style: TextStyle(
                      letterSpacing: 2.0,
                    ),
                  ),
                ],
              ),
            ],
          ),
        ),
      ),
    );
  }
}
```

The screenshot is identical to the one above, showing the 'home.dart' file and an emulator displaying the app. The emulator shows the text "kolkata" and the time "9:45 PM". The bottom status bar shows the date as 05-10-2022.









GitHub Repository Link:

<https://github.com/TulsiLukhi1/Smat-Device-Programming/tree/master/Lab12>

