

Code for home.dart:

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

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

```
class MyApp extends StatelessWidget {  
  @override  
  Widget build(BuildContext context) {  
    return MaterialApp(  
      home: HomeScreen(),  
      theme: ThemeData(  
        primaryColor: const Color.fromARGB(255, 58, 243, 33),  
        hintColor: const Color.fromARGB(255, 58, 243, 33),  
        scaffoldBackgroundColor: Colors.yellow[100],  
      ),  
    );  
  }  
}
```

```
class HomeScreen extends StatefulWidget {  
  @override  
  _HomeScreenState createState() => _HomeScreenState();  
}
```

```
class _HomeScreenState extends State<HomeScreen> {  
  String _selectedSite = 'Amazon';  
  List<String> _sites = ['Amazon', 'Flipkart', 'Myntra'];  
  
  String _selectedRating = '1-2';
```

```
List<String> _ratings = ['1-2', '2-3', '3-4'];
```

```
TextEditingController _searchController = TextEditingController();
```

```
@override
```

```
Widget build(BuildContext context) {
```

```
  return Scaffold(
```

```
    appBar: AppBar(
```

```
      title: Text(
```

```
        'Brand',
```

```
        style: TextStyle(
```

```
          fontSize: 24,
```

```
          fontWeight: FontWeight.bold,
```

```
          fontStyle: FontStyle.italic,
```

```
        ),
```

```
      ),
```

```
      centerTitle: true,
```

```
    ),
```

```
    body: Container(
```

```
      decoration: BoxDecoration(
```

```
        image: DecorationImage(
```

```
          image: AssetImage('assets/background.jpg'),
```

```
          fit: BoxFit.cover,
```

```
        ),
```

```
      ),
```

```
      child: Column(
```

```
        crossAxisAlignment: CrossAxisAlignment.start,
```

```
        children: [
```

```
          SizedBox(height: 16.0),
```

```
          Padding(
```

```
            padding: EdgeInsets.symmetric(horizontal: 16.0),
```

[illegible]

```

showMenu(
  context: context,
  position: RelativeRect.fromLTRB(0, 0, 0, 0),
  items: _sites.map((site) {
    return PopupMenuItem<String>(
      value: site,
      child: Text(site),
    );
  }).toList(),
).then((value) {
  if (value != null) {
    setState(() {
      _selectedSite = value;
    });
  }
});
},
),
ElevatedButton(
  child: Text(
    'Rating',
    style: TextStyle(
      color: Colors.white,
      fontWeight: FontWeight.bold,
      fontSize: 16.0,
    ),
  ),
  style: ElevatedButton.styleFrom(
    primary: Colors.blue,
    onPrimary: Colors.white,
  ),
),

```

```

onPressed: () {
  // Open rating dropdown menu
  showMenu(
    context: context,
    position: RelativeRect.fromLTRB(0, 0, 0, 0),
    items: _ratings.map((rating) {
      return PopupMenuItem<String>(
        value: rating,
        child: Text(rating),
      );
    }).toList(),
  ).then((value) {
    if (value != null) {
      setState(() {
        _selectedRating = value;
      });
    }
  });
},
),
],
),
SizedBox(height: 16.0),
Align(
  alignment: Alignment.center,
  child: ElevatedButton(
    child: Text('Result'),
    onPressed: () {
      Navigator.push(
        context,
        MaterialPageRoute(

```

```

        builder: (context) => ResultScreen(
          selectedSite: _selectedSite,
          selectedRating: _selectedRating,
          searchQuery: _searchController.text,
        ),
      ),
    );
  },
),
],
),
),
);
}
}

```

```

class ResultScreen extends StatelessWidget {

```

```

  final String selectedSite;

```

```

  final String selectedRating;

```

```

  final String searchQuery;

```

```

  ResultScreen({

```

```

    required this.selectedSite,

```

```

    required this.selectedRating,

```

```

    required this.searchQuery,

```

```

  });

```

```

  @override

```

```

  Widget build(BuildContext context) {

```

```

    return Scaffold(

```

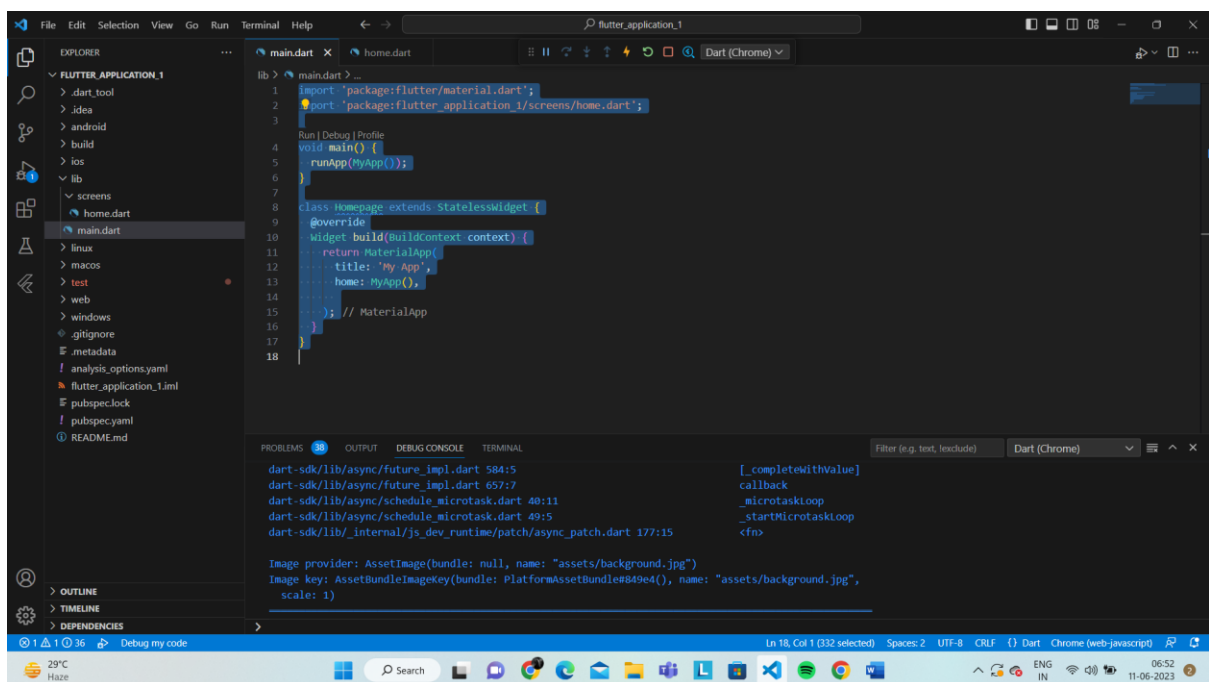
```
appBar: AppBar(  
  title: Text('Results'),  
,  
body: Container(  
  color: Colors.yellow,  
  child: Center(  
    child: Column(  
      mainAxisAlignment: MainAxisAlignment.center,  
      children: [  
        Text(  
          'Selected Site: $selectedSite',  
          style: TextStyle(fontSize: 20),  
        ),  
        Text(  
          'Selected Rating: $selectedRating',  
          style: TextStyle(fontSize: 20),  
        ),  
        Text(  
          'Search Query: $searchQuery',  
          style: TextStyle(fontSize: 20),  
        ),  
      ],  
    ),  
  ),  
);  
}
```

Code for main.dart:

```
import 'package:flutter/material.dart';
import 'package:flutter_application_1/screens/home.dart';

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

class Homepage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'My App',
      home: MyApp(),
    );
  }
}
```



Output:

