

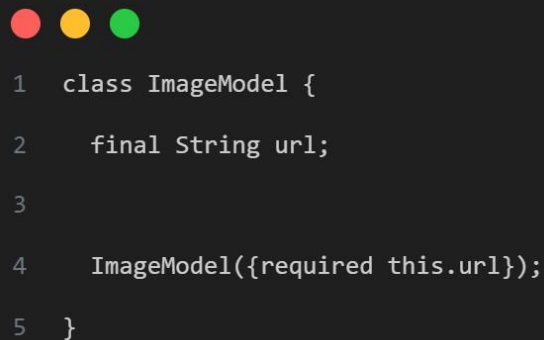
homepage.dart

```
1 import 'package:flutter/material.dart';
2 import 'package:provider/provider.dart';
3 import 'package:state_management/routes.dart';
4 import 'package:state_management/stores/gallery.dart' as gallery_stores ;
5 import 'homepage.dart';
6
7 void main() {
8   runApp(
9     MultiProvider(
10      providers: [
11        ChangeNotifierProvider(
12          create: (_) => gallery_stores.GalleryProvider(),
13        ),
14      ],
15      child: MyApp(),
16    ),
17  );
18 }
19
20 class MyApp extends StatelessWidget {
21   const MyApp({ Key? key }) : super(key: key);
22
23   @override
24   Widget build(BuildContext context){
25     return MaterialApp(
26       //home: Homepage(),
27       initialRoute: '/',
28       routes: {
29         '/': (_) => const homepage(),
30         '/fullscreen': (_) => const FullImage(
31           image: '',
32         ),
33       },
34     );
35   }
36 }
```

homepage.dart

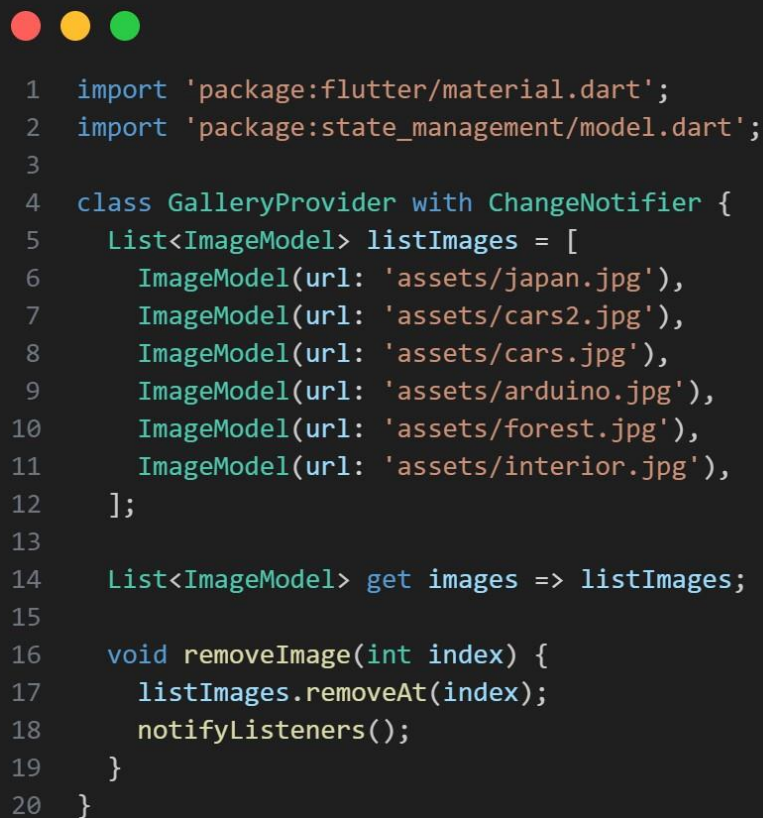
```
1 import 'package:flutter/material.dart';
2 import 'package:provider/provider.dart';
3 import 'package:state_management/content.dart';
4 import 'package:state_management/stores/gallery.dart' as gallery_stores;
5 import 'package:shared_preferences/shared_preferences.dart';
6
7 class homepage extends StatefulWidget {
8   const homepage({super.key});
9
10  @override
11  State<homepage> createState() => _HomePage();
12 }
13
14 class _HomePage extends State<homepage> {
15   late SharedPreferences loginData;
16
17   @override
18   void initState() {
19     super.initState();
20     initial();
21   }
22
23   void initial() async {
24     loginData = await SharedPreferences.getInstance();
25   }
26
27   /* List<String> images = [
28     'assets/japan.jpg'
29     'assets/cars2.jpg'
30     'assets/interior.jpg'
31     'assets/cars.jpg'
32     'assets/arduino.jpg'
33     'assets/forest.jpg'
34   ]; */
35   @override
36   Widget build(BuildContext context) {
37     final imageProvider = Provider.of<gallery_stores.GalleryProvider>(context);
38     return Scaffold(
39       appBar: AppBar(
40         centerTitle: true,
41         title: const Text(
42           'Gallery',
43         ),
44       ),
45       body: Container(
46         margin: EdgeInsets.all(8),
47         child: GridView.builder(
48           gridDelegate: const SliverGridDelegateWithFixedCrossAxisCount(
49             crossAxisCount: 2,
50             crossAxisSpacing: 8,
51             mainAxisSpacing: 8,
52           ),
53           itemCount: imageProvider.images.length,
54           itemBuilder: (BuildContext context, index) {
55             return GestureDetector(
56               onTap: () {
57                 showImage(context, imageProvider.images[index].url);
58               },
59               child: Image.asset(
60                 imageProvider.images[index].url,
61                 fit: BoxFit.cover,
62               ),
63             );
64           },
65         ),
66       ),
67     );
68   }
69 }
70 }
```

Model.dart



```
1 class ImageModel {  
2   final String url;  
3  
4   ImageModel({required this.url});  
5 }
```

Stores



```
1 import 'package:flutter/material.dart';  
2 import 'package:state_management/model.dart';  
3  
4 class GalleryProvider with ChangeNotifier {  
5   List<ImageModel> listImages = [  
6     ImageModel(url: 'assets/japan.jpg'),  
7     ImageModel(url: 'assets/cars2.jpg'),  
8     ImageModel(url: 'assets/cars.jpg'),  
9     ImageModel(url: 'assets/arduino.jpg'),  
10    ImageModel(url: 'assets/forest.jpg'),  
11    ImageModel(url: 'assets/interior.jpg'),  
12  ];  
13  
14   List<ImageModel> get images => listImages;  
15  
16   void removeImage(int index) {  
17     listImages.removeAt(index);  
18     notifyListeners();  
19   }  
20 }
```