Exp-4

Main.dart

List view

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  final List<String> items = List<String>.generate(30, (i) => "Item $i");

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'ListView Example',
      home: Scaffold(
        appBar: AppBar(
          title: Text('ListView Example'),
        ),
        body: ListView.builder(
          itemCount: items.length,
          itemBuilder: (BuildContext context, int index) {
            return ListTile(
              title: Text('${items[index]}'),
            );
          },
        ),
      ),
    );
  }
}
```

Girdview

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'GridView Example',
      home: Scaffold(
        appBar: AppBar(
          title: Text('GridView Example'),
        ),
        body: GridView.count(
          crossAxisCount: 3,
          children: List.generate(17, (index) {
            return Center(
              child: Text(
                'Item $index',
                style: Theme.of(context).textTheme.headline5,
              ),
            );
          }),
        ),
```

```
        ),
    );
  }
}
```