**Open Ended Lab Activity:**

Displaying a Scrollable List of Items Objective: Use ListView to display multiple items in a scrollable format. Use SingleChildScrollView to ensure the entire page can be scrolled when needed. Task: Create a simple Flutter app that displays a list of 10 items using ListView inside a SingleChildScrollView. Each item should include: A title (e.g., "Item 1", "Item 2", etc.) A short description A simple icon or image To include these item you can use row widget in every item of ListView Instructions: Create a Flutter project and set up a basic UI. Use SingleChildScrollView to make the full screen scrollable. Use ListView.builder inside a Column to generate 10 items dynamically. Run the app and ensure smooth scrolling. Expected Output: A vertically scrollable list of items where each item displays: Title: "Item 1", "Item 2", etc. Description: "This is item number X" Icon/Image: Use Icons.star or any simple icon give simple and short easy code

Ans:**Main.dart:**

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| --- |
| import 'package:flutter/material.dart';  void main() {  runApp(MyListApp());  }  class MyListApp extends StatelessWidget {  @override  Widget build(BuildContext context) {  return MaterialApp(  title: 'Scrollable List',  home: ItemListScreen(),  );  }  }  class ItemListScreen extends StatelessWidget {  @override  Widget build(BuildContext context) {  return Scaffold(  appBar: AppBar(  title: Text('Scrollable Items'),  backgroundColor: Colors.blue,  ),  body: SingleChildScrollView(  child: Column(  children: List.generate(10, (index) {  return Padding(  padding: const EdgeInsets.all(8.0),  child: Row(  children: [  Icon(Icons.star, color: Colors.orange),  SizedBox(width: 10),  Column(  crossAxisAlignment: CrossAxisAlignment.start,  children: [  Text('Item ${index + 1}', style: TextStyle(fontSize: 18, fontWeight: FontWeight.bold)),  Text('This is item number ${index + 1}'),  ],  ),  ],  ),  );  }),  ),  ),  );  }  } |

OUTPUT:

