**Task 2:** Set up a new Flutter project named Contacts App using your preferred development

environment.

* Use ListView**.Builder** to dynamically generate a list of contacts.
* Implement a **ListTile** for each contact, displaying the contact’s name and phone number.
* Add an avatar (using **Icon**) and a trailing icon (phone icon) for each contact.

Ans:

Main.dart:

|  |
| --- |
| import 'package:flutter/material.dart';  void main() {  runApp(ContactsApp());}  class ContactsApp extends StatelessWidget {  @override  Widget build(BuildContext context) {  return MaterialApp(  title: 'Contacts App',  home: ContactsList(), );}}  class ContactsList extends StatelessWidget {  final List<Map<String, String>> contacts = [  {'name': 'Ali Khan', 'phone': '0321-1234567'},  {'name': 'Sara Ahmed', 'phone': '0300-9876543'},  {'name': 'Bilal Raza', 'phone': '0333-1112223'},  {'name': 'Hina Tariq', 'phone': '0345-4445556'},  {'name': 'Zain Malik', 'phone': '0312-7778889'},  ];  @override  Widget build(BuildContext context) {  return Scaffold(  appBar: AppBar(  title: Text('Contacts App'),  backgroundColor: Colors.teal, ),  body: ListView.builder(  itemCount: contacts.length,  itemBuilder: (context, index) {  var contact = contacts[index];  return ListTile(  leading: Icon(Icons.person, color: Colors.teal),  title: Text(contact['name'] ?? ''),  subtitle: Text(contact['phone'] ?? ''),  trailing: Icon(Icons.phone, color: Colors.green),  );  },  ),  );  }  } |

OUTPUT:

