

```
1 package com.example.sqlitedemo;
2
3 import android.database.Cursor;
4 import android.os.Bundle;
5 import androidx.appcompat.app.AppCompatActivity;
6 import android.view.*;
7 import android.widget.*;
8
9 public class MainActivity extends AppCompatActivity {
10     EditText etName, etEmail;
11     TextView tvResults;
12     DatabaseHelper dbHelper;
13     @Override
14     protected void onCreate(Bundle savedInstanceState) {
15         super.onCreate(savedInstanceState);
16         setContentView(R.layout.activity_main);
17         etName = findViewById(R.id.etName);
18         etEmail = findViewById(R.id.etEmail);
19         tvResults = findViewById(R.id.tvResults);
20         dbHelper = new DatabaseHelper(this);
21     }
22
23     public void saveData(View v) {
24         String name = etName.getText().toString();
25         String email = etEmail.getText().toString();
26         if (dbHelper.insertUser(name, email)) {
27             Toast.makeText(MainActivity.this, "Data Inserted", Toast.LENGTH_SHORT).show();
28         } else {
29             Toast.makeText(MainActivity.this, "Insertion Failed", Toast.LENGTH_SHORT).show();
30         }
31     }
32
33     public void viewData(View v) {
34         Cursor cursor = dbHelper.getAllUsers();
35         if (cursor.getCount() == 0) {
36             tvResults.setText("No Data Found");
37             return;
38         }
39         StringBuilder sb = new StringBuilder();
40         while (cursor.moveToNext()) {
41             sb.append("ID: ").append(cursor.getInt(0)).append("\n");
42             sb.append("Name: ").append(cursor.getString(1)).append("\n");
43             sb.append("Email: ").append(cursor.getString(2)).append("\n\n");
44         }
45         tvResults.setText(sb.toString());
46     }
47 }
```