Sqlite

Main.xml

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <Button  
  
 android:id="@+id/btn1"  
 android:layout\_width="204dp"  
 android:layout\_height="63dp"  
 android:text="INSERT"  
 tools:layout\_editor\_absoluteX="103dp"  
 tools:layout\_editor\_absoluteY="370dp" />  
  
 <Button  
 android:id="@+id/btn2"  
 android:layout\_width="202dp"  
 android:layout\_height="61dp"  
 android:backgroundTint="@color/teal\_200"  
 android:text="vIEW"  
 tools:layout\_editor\_absoluteX="103dp"  
 tools:layout\_editor\_absoluteY="463dp" />  
  
 <TextView  
 android:id="@+id/t1"  
 android:layout\_width="183dp"  
 android:layout\_height="52dp"  
 android:text="SqLite"  
 android:textColor="@color/material\_dynamic\_primary70"  
 android:textSize="40dp"  
 tools:layout\_editor\_absoluteX="127dp"  
 tools:layout\_editor\_absoluteY="87dp" />  
  
 <EditText  
 android:id="@+id/t2"  
 android:layout\_width="354dp"  
 android:layout\_height="42dp"  
 android:ems="10"  
 android:hint="Roll no"  
 android:inputType="phone"  
 tools:layout\_editor\_absoluteX="36dp"  
 tools:layout\_editor\_absoluteY="175dp" />  
  
 <EditText  
 android:id="@+id/t3"  
 android:layout\_width="354dp"  
 android:layout\_height="42dp"  
 android:ems="10"  
 android:hint="name"  
 android:inputType="phone"  
 tools:layout\_editor\_absoluteX="36dp"  
 tools:layout\_editor\_absoluteY="238dp" />  
  
 <EditText  
 android:id="@+id/t4"  
 android:layout\_width="354dp"  
 android:layout\_height="42dp"  
 android:ems="10"  
 android:hint="Email"  
 android:inputType="phone"  
 tools:layout\_editor\_absoluteX="36dp"  
 tools:layout\_editor\_absoluteY="297dp" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Mainactivity.java

package com.example.sqlite;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Button btn1=(Button) findViewById(R.id.*btn1*);  
 Button btn2=(Button) findViewById(R.id.*btn2*);  
 EditText t2=(EditText) findViewById(R.id.*t2*);  
 EditText t3=(EditText) findViewById(R.id.*t3*);  
 EditText t4=(EditText) findViewById(R.id.*t4*);  
 btn1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 int rollno= Integer.*parseInt*(t2.getText().toString());  
 String name=t3.getText().toString();  
 String email=t4.getText().toString();  
  
 Databasecon conn= new Databasecon(getApplicationContext());  
 boolean insert\_result=conn.insertuserdata(rollno,name,email);  
 if(insert\_result=true){  
 Toast.*makeText*(MainActivity.this, "insert successfully", Toast.*LENGTH\_SHORT*).show();  
 }  
 else {  
 Toast.*makeText*(MainActivity.this, "insert failed!!", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
 });  
  
  
 }  
}

database.java

package com.example.sqlite;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import androidx.annotation.Nullable;  
  
public class Databasecon extends SQLiteOpenHelper {  
 public Databasecon(@Nullable Context context) {  
 super(context, "mydb", null, 1);  
 }  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 db.execSQL("CREATE TABLE usertable (roll INTEGER PRIMARY KEY,name TEXT, email TEXT)");  
  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE usertable");  
  
 }  
 public boolean insertuserdata(int user\_roll,String user\_name,String user\_email){  
 SQLiteDatabase db=this.getWritableDatabase();  
 ContentValues val=new ContentValues();  
 val.put("roll",user\_roll);  
 val.put("name",user\_name);  
 val.put("email",user\_email);  
 long result=db.insert("usertable",null,val);  
 if(result >= 0) {  
 return true;  
 }  
 else {  
 return false;  
 }  
 }  
  
 }