# MainActivity.xml:-

*<?*xml version="1.0" encoding="utf-8"*?>*

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android=["http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android)

xmlns:app=["http://schemas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:tools=["http://schemas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:background="#B79679DA" tools:context=".MainActivity">

<EditText android:id="@+id/editText" android:layout\_width="397dp" android:layout\_height="49dp" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp"

android:layout\_marginTop="108dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:ems="10" android:hint="Name" android:inputType="textPersonName"

app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.0" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/textView2" tools:ignore="MissingConstraints" />

<EditText android:id="@+id/editText2"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="20dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:ems="10"

android:hint="E-mail" android:inputType="textEmailAddress" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/editText" />

<EditText android:id="@+id/editText3"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content"

android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="16dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:ems="10" android:hint="Password" android:inputType="textPassword"

app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/editText2" />

<Button android:id="@+id/button" android:layout\_width="151dp" android:layout\_height="50dp"

android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="36dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:background="#FC5C5C" android:text="Register" android:textSize="15dp" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.498" app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/editText3" />

<TextView android:id="@+id/textView"

android:layout\_width="wrap\_content" android:layout\_height="0dp" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="8dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:text="Already User!" android:textColor="#030303" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.498" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/button" />

<TextView android:id="@+id/textView2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp"

android:layout\_marginLeft="8dp" android:layout\_marginTop="92dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:text="Registration Page" android:textColor="#F30E0E" android:textSize="35dp" android:textStyle="italic" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

# MainActivity.java:-

**package** com.gaurav.loginregistration;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.content.Intent; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.EditText; **import** android.widget.TextView; **import** android.widget.Toast;

**import** java.io.File;

**import** java.io.FileNotFoundException; **import** java.io.FileOutputStream; **import** java.io.IOException;

**import** java.io.ObjectOutputStream;

**public class** MainActivity **extends** AppCompatActivity { EditText **ed1**,**ed2**,**ed3**;

Button **btn1**;

SqliteHelperDemo **sqliteHelperDemo**; TextView **txt**;

@Override

**protected void** onCreate(Bundle savedInstanceState) { **super**.onCreate(savedInstanceState); setContentView(R.layout.***activity\_main***); **ed1**=findViewById(R.id.***editText***); **ed2**=findViewById(R.id.***editText2***); **ed3**=findViewById(R.id.***editText3***); **btn1**=findViewById(R.id.***button***);

**txt**=findViewById(R.id.***textView***);

**sqliteHelperDemo**=**new** SqliteHelperDemo(MainActivity.**this**);

**btn1**.setOnClickListener(**new** View.OnClickListener() { @Override

**public void** onClick(View view) {

*//get values from user*

String name=**ed1**.getText().toString(); String email=**ed2**.getText().toString(); String password=**ed3**.getText().toString();

**sqliteHelperDemo**.insertinfo(name,email,password);

Toast.*makeText*(getApplicationContext(),**"Successfully Submitted"**,Toast.***LENGTH\_SHORT***).show();

}

});

**txt**.setOnClickListener(**new** View.OnClickListener() { @Override

**public void** onClick(View view) {

Intent in=**new** Intent(MainActivity.**this**,Loginpage.**class**); startActivity(in);

}

});

}

}

# Loginpage.xml:-

*<?*xml version="1.0" encoding="utf-8"*?>*

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android=["http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android)

xmlns:app=["http://schemas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:tools=["http://schemas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:background="#B79679DA" tools:context=".Loginpage">

<EditText android:id="@+id/editText4"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="172dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:ems="10"

android:hint="E-mail" android:inputType="textEmailAddress"

app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="1.0" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/textView3" />

<EditText android:id="@+id/editText5"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="16dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:ems="10" android:hint="Password" android:inputType="textPassword"

app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/editText4" />

<Button android:id="@+id/button2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="28dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:text="Login" android:background="#FC5C5C" android:textSize="15dp" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.498" app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/editText5" />

<TextView android:id="@+id/textView2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="16dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:text="New User!" app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498" app:layout\_constraintStart\_toStartOf="parent" android:textColor="#000" app:layout\_constraintTop\_toBottomOf="@+id/button2" tools:text="New User !" />

<View

android:id="@+id/divider" android:layout\_width="100dp" android:layout\_height="1dp" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="24dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:background="?android:attr/listDivider" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.321" app:layout\_constraintStart\_toEndOf="@+id/textView2" app:layout\_constraintTop\_toBottomOf="@+id/button2" tools:visibility="visible" />

<View

android:id="@+id/divider2" android:layout\_width="100dp" android:layout\_height="1dp" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="24dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:background="?android:attr/listDivider" app:layout\_constraintEnd\_toStartOf="@+id/textView2" app:layout\_constraintHorizontal\_bias="0.672" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/button2" tools:visibility="visible" />

<TextView android:id="@+id/textView3"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginTop="60dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:text="Login Page" android:textColor="#F30E0E" android:textSize="35dp"

android:textStyle="italic" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.498" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

# LoginPage.java:-

**package** com.gaurav.loginregistration;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.content.Intent; **import** android.database.Cursor; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.Button; **import** android.widget.EditText; **import** android.widget.TextView; **import** android.widget.Toast;

**import** java.io.File;

**import** java.io.FileInputStream; **import** java.io.FileNotFoundException; **import** java.io.IOException;

**import** java.io.ObjectInputStream;

**public class** Loginpage **extends** AppCompatActivity { TextView **txt1**;

EditText **edt1**,**edt2**; Button **btn**;

SqliteHelperDemo **sqliteHelperDemo**; **int count**;

@Override

**protected void** onCreate(Bundle savedInstanceState) { **super**.onCreate(savedInstanceState); setContentView(R.layout.***activity\_loginpage***); **sqliteHelperDemo**=**new** SqliteHelperDemo(Loginpage.**this**); **txt1**=findViewById(R.id.***textView2***); **edt1**=findViewById(R.id.***editText4***); **edt2**=findViewById(R.id.***editText5***);

**btn**=findViewById(R.id.***button2***); **txt1**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

Intent in1=**new** Intent(Loginpage.**this**,MainActivity.**class**); startActivity(in1);

}

});

**btn**.setOnClickListener(**new** View.OnClickListener() { @Override

**public void** onClick(View view) {

*//Get value from user*

String email=**edt1**.getText().toString(); String password=**edt2**.getText().toString();

Cursor cc=**sqliteHelperDemo**.LoginData(email,password); cc.moveToFirst();

**do** {

**count**=cc.getCount();

}**while**(cc.moveToNext());

**if**(**count**>0) {

Toast.*makeText*(getApplicationContext(), **"SuccessFully Login"**, Toast.***LENGTH\_SHORT***).show(); Intent in2=**new** Intent(Loginpage.**this**,Last.**class**);

startActivity(in2);

}

else

{

}

});

}

}

Toast.*makeText*(getApplicationContext(), **"User Does not Exist"**, Toast.***LENGTH\_SHORT***).show();

}

# Last.xml:-

*<?*xml version="1.0" encoding="utf-8"*?>*

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android=["http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android)

xmlns:app=["http://schemas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:tools=["http://schemas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".Last">

<TextView android:id="@+id/textView4"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginStart="8dp" android:layout\_marginLeft="8dp" android:layout\_marginEnd="8dp" android:layout\_marginRight="8dp" android:layout\_marginBottom="408dp" android:text="Thank You For Login"

android:textStyle="italic" android:textColor="#5C12DB" android:textSize="40dp" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.498" app:layout\_constraintStart\_toStartOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

# SqliteHelperDemo.java:-

**package** com.gaurav.loginregistration;

**import** android.content.ContentValues; **import** android.content.Context; **import** android.database.Cursor;

**import** android.database.sqlite.SQLiteDatabase;

**import** android.database.sqlite.SQLiteOpenHelper;

**public class** SqliteHelperDemo **extends** SQLiteOpenHelper {

*//create database*

**public** SqliteHelperDemo(Context context) {

**super**(context,**"Emp"**, **null**,2);

}

@Override

**public void** onCreate(SQLiteDatabase sqLiteDatabase) {

sqLiteDatabase.execSQL(**"create table if not exists signup(name varchar,email varchar,password varchar)"**);

}

@Override

**public void** onUpgrade(SQLiteDatabase sqLiteDatabase, **int** i, **int** i1) {

}

**public void** insertinfo(String name,String email,String password)

{

SQLiteDatabase sqLiteDatabase=**this**.getWritableDatabase();

*//share data*

ContentValues contentValues=**new** ContentValues(); contentValues.put(**"name"**,name); contentValues.put(**"email"**,email); contentValues.put(**"password"**,password); sqLiteDatabase.insert(**"signup"**,**null**,contentValues);

}

*//Cursor -return data ,act as interface between database*

**public** Cursor LoginData(String email,String password)

{

SQLiteDatabase sqLiteDatabase=**this**.getReadableDatabase();

*//extracting data from database*

Cursor cc=sqLiteDatabase.rawQuery(**"Select \* from signup where email='"**+email+**"'and password='"**+password+**"'"**,**null**);

**return** cc;

}

}

# Menifest.xml:-

*<?*xml version="1.0" encoding="utf-8"*?>*

<manifest xmlns:android=["http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) package="com.gaurav.loginregistration">

<application android:allowBackup="true" android:icon="@mipmap/ic\_launcher" android:label="@string/app\_name"

android:roundIcon="@mipmap/ic\_launcher\_round" android:supportsRtl="true" android:theme="@style/AppTheme">

<activity android:name=".Last"></activity>

<activity android:name=".Loginpage" />

<activity android:name=".MainActivity">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</**activity**>

</**application**>

</**manifest**>