

Step -1:

- ❖ Create a New Project.

Step- 2:

- ❖ Copy and paste the image in drawable folder



Step -3:

- ❖ Write the code in **activity_login.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"
android:background="#B2FD04"
tools:context=".Login">

<ImageView
    android:id="@+id/imageView3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="20dp"
    android:layout_marginLeft="20dp"
    android:layout_marginRight="20dp"
    android:layout_marginStart="20dp"
    android:layout_marginTop="20dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:srcCompat="@drawable/icon" />

<EditText
    android:id="@+id/editTextTextPersonName2"
```

```

        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_marginEnd="20dp"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="20dp"
        android:layout_marginStart="20dp"
        android:layout_marginTop="20dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:hint="Enter User Name"
        android:gravity="center"
        android:textStyle="bold"
        android:textColor="@color/design_default_color_primary"
        android:textColorHint="@color/design_default_color_primary"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/imageView3" />

```

<EditText

```

        android:id="@+id/editTextTextPassword2"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_marginEnd="20dp"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="20dp"
        android:layout_marginStart="20dp"
        android:layout_marginTop="20dp"
        android:ems="10"
        android:hint="Enter Password"
        android:gravity="center"
        android:textStyle="bold"
        android:textColor="@color/design_default_color_primary"
        android:textColorHint="@color/design_default_color_primary"
        android:inputType="textPassword"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName2" />

```

<Button

```

        android:id="@+id/button4"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_marginEnd="20dp"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="20dp"
        android:layout_marginStart="20dp"
        android:layout_marginTop="20dp"
        android:text="Login"
        android:textSize="30sp"
        android:gravity="center"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextTextPassword2" />

```

</androidx.constraintlayout.widget.ConstraintLayout>

❖ Write the code in **Login.java**

❖ `import androidx.appcompat.app.AppCompatActivity;`

```
import android.content.Context;
import android.content.Intent;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class Login extends AppCompatActivity {
    EditText uname,upassword;
    Button login;
    SQLiteDatabase db;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);
        uname=(EditText)findViewById(R.id.editTextTextPersonName2);
        upassword=findViewById(R.id.editTextTextPassword2);
        login=(Button)findViewById(R.id.button4);
        db=openOrCreateDatabase("suresh", Context.MODE_PRIVATE,null);
        db.execSQL("create table if not exists ureg(id varchar,password
varchar,emailid varchar,mobileNo varchar)");
        login.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

if(uname.getText().toString().trim().length()==0||upassword.getText().toString
().trim().length()==0)
            {
                Toast.makeText(Login.this,"Please enter all the
values",Toast.LENGTH_LONG).show();
                return;
            }
            Cursor cc=db.rawQuery("select * from ureg where
id='"+uname.getText()+"' and password='"+upassword.getText()+"'",null);
            if(cc.moveToFirst())
            {
                Toast.makeText(Login.this,"Login
Success",Toast.LENGTH_LONG).show();
                Intent ab=new Intent(Login.this,Home.class);
                startActivity(ab);
                clear();
            }
        }
    }
});
```

```
}  
public void clear()  
{  
    uname.setText("");  
    upassword.setText("");  
}  
}
```

Output Screens:

