Program 2

Xml page

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout  
 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="#8893f7"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/signin"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginTop="100dp"  
 android:layout\_marginEnd="50dp"  
 android:layout\_marginBottom="50dp"  
 android:gravity="center"  
 android:text="Sign\_in"  
 android:textColor="@color/white"  
 android:textSize="35dp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/signin"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginEnd="20dp"  
 android:background="#eeccff"  
 android:drawableStart="@drawable/baseline\_person\_24"  
 android:drawablePadding="20dp"  
 android:hint="username"  
 android:padding="20dp"/>  
 <EditText  
 android:id="@+id/password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/username"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginEnd="20dp"  
 android:background="#eeccff"  
 android:drawableStart="@drawable/baseline\_remove\_red\_eye\_24"  
 android:drawablePadding="20dp"  
 android:hint="password"  
 android:inputType="textPassword"  
 android:padding="20dp" />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/loginbtn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/password"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginTop="60dp"  
 android:text="login" />  
  
</RelativeLayout>

Java page

package com.example.login;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 TextView username=(TextView)findViewById(R.id.*username*);  
 TextView password=(TextView)findViewById(R.id.*password*);  
 Button loginbtn=(Button) findViewById(R.id.*loginbtn*);  
 loginbtn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if(username.getText().toString().equals("admin")&& password.getText().toString().equals("123456"))  
 {  
 Toast.*makeText*(MainActivity.this, "Login Successfully", Toast.*LENGTH\_SHORT*).show();  
 }  
 else  
 {  
 Toast.*makeText*(MainActivity.this, "Login Failed", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
  
 }  
}