**Name**: Ankur Singh

**Roll** **Number**: 12013077

**Section**: IT03

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
  
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/background"  
 tools:context=".MainActivity"  
 android:gravity="center">  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/username"  
 android:background="#30ffffff"  
 android:hint="username"  
 android:textColorHint="@color/white"  
 android:layout\_margin="15dp"  
 android:padding="20dp"  
 android:textSize="20sp"  
 />  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/password"  
 android:background="#30ffffff"  
 android:hint="password"  
 android:textColorHint="@color/white"  
 android:layout\_below="@+id/username"  
 android:layout\_margin="15dp"  
 android:padding="20dp"  
 />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/sign\_in\_btn"  
 android:background="#90ffffff"  
 android:layout\_below="@id/password"  
 android:layout\_margin="30dp"  
 android:layout\_centerHorizontal="true"  
 android:text="sign in"  
 />  
  
</RelativeLayout>

**MainActivity.java**

package com.example.lab002;  
  
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 = findViewById((R.id.*username*));  
 TextView password = findViewById(R.id.*password*);  
 Button sign\_in\_btn = findViewById(R.id.*sign\_in\_btn*);  
  
 sign\_in\_btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if(username.getText().toString().equals("ankur") && password.getText().toString().equals("ankur")){  
 //correct  
 Toast.*makeText*(MainActivity.this,"LOGIN SUCCESSFUL",Toast.*LENGTH\_SHORT*).show();  
 }else  
 //incorrect  
 Toast.*makeText*(MainActivity.this,"LOGIN FAILED !!!",Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
}

**Screenshots:**

  