Main Activity

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;  
  
public class MainActivity extends AppCompatActivity {  
EditText et1,et2;  
Button b1;  
TextView tv1;  
int c=5;  
  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 et1=findViewById(R.id.*et1*);  
 et2=findViewById(R.id.*et2*);  
 b1=findViewById(R.id.*b1*);  
 tv1=findViewById(R.id.*tv1*);  
 tv1.setText("Number of attempts remaining: 5");  
 b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 validate(et1.getText().toString(),et2.getText().toString());  
 }  
 });  
 }  
 private void validate(String un,String pw){  
if((un.equals("Admin")) && (pw.equals("1234"))){

Intent i=new Intent(MainActivity.this,SecondActivity.class);  
 startActivity(i);  
 }  
 else  
 {  
 c--;  
 tv1.setText("Number of attempts remaining "+ String.*valueOf*(c));  
 if(c==0){  
 b1.setEnabled(false);  
 }  
 }  
 }  
}

Activity xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout 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:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
  
<EditText  
 android:id="@+id/et1"  
 android:hint="Username"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
  
<EditText  
 android:id="@+id/et2"  
 android:hint="Password"  
 android:inputType="textPassword"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
<Button  
 android:id="@+id/b1"  
 android:text="Login"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
<TextView  
 android:id="@+id/tv1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>

</LinearLayout>

Activity second

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout 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=".SecondActivity">  
<TextView  
 android:text="Welcome to Second Activity"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
</LinearLayout>

Second Activity

package com.example.myapp3;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
public class SecondActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
 }  
}