**PROGRAM 12**

**Activity\_main.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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 <EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Username"  
 android:id="@+id/et1"/>  
  
 <EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPassword"  
 android:hint="Password"  
 android:id="@+id/et2"/>  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="LOGIN"  
 android:id="@+id/b"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/tv" />  
  
  
</LinearLayout>

**MainActivity.java**

package com.example.myapplication12;

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 com.SecondActivity;

public class MainActivity extends AppCompatActivity {

EditText et1,et2;

Button b;

TextView tv;

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*);

b=findViewById(R.id.*b*);

tv=findViewById(R.id.*tv*);

tv.setText("Number of attempts remaining : 5");

b.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

validate(et1.getText().toString(),et2.getText().toString());

}

});

}

private void validate(String un,String ps){

if((un.equals("Admin")) && (ps.equals("1234"))){

Intent i=new Intent(MainActivity.this, SecondActivity.class);

startActivity(i);

}

else

{

c--;

tv.setText("Number of attempt remaining "+String.*valueOf*(c));

if(c==0){

b.setEnabled(false);

}

}

}

}

**Activity\_second.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:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context="com.SecondActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Welcome to second activity"/>

</LinearLayout>

**SecondActivity.java**

package com;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import com.example.myapplication12.R;

public class SecondActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_second*);

}

}







