| **activity\_main.xml**  <?xml version="1.0" encoding="utf-8"?>  <RelativeLayout  xmlns:android="http://schemas.android.com/apk/res/a ndroid"  xmlns:app="http://schemas.android.com/apk/resauto"  xmlns:tools="http://schemas.android.com/tools" android:id="@+id/main"  android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity">    <TextView  android:id="@+id/tv1" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginTop="30dp" android:layout\_marginLeft="30dp"  android:textSize="30sp" android:text="Username" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" />    <EditText  android:id="@+id/ed1"  android:layout\_width="wrap\_content" android:layout\_height="40dp" android:layout\_marginLeft="30dp" android:layout\_marginTop="30dp" android:layout\_toRightOf="@+id/tv1" android:hint="Enter Username" />    <TextView  android:id="@+id/tv2" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:textSize="30sp" android:layout\_marginLeft="30dp" android:layout\_marginTop="100dp" android:text="Password"/>    <EditText  android:id="@+id/ed2"  android:layout\_width="wrap\_content" android:layout\_height="40dp" android:layout\_toRightOf="@+id/tv2" android:layout\_marginTop="100dp" android:layout\_marginLeft="30dp" | <Button  android:layout\_width="wrap\_content" android:id="@+id/bt" android:layout\_height="wrap\_content" android:layout\_marginTop="200dp" android:textSize="30sp"  android:layout\_marginLeft="100dp" android:text="Submit"/>  </RelativeLayout>    **MainActivity.java**  package com.example.pr6a;    import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.TextView;  import android.widget.Toast;    import androidx.appcompat.app.AppCompatActivity;    public class MainActivity extends AppCompatActivity {    TextView t1;  EditText e1, e2;    @Override  protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.*activity\_main*);    e1 = findViewById(R.id.*ed1*); e2 = findViewById(R.id.*ed2*); t1 = findViewById(R.id.*tv1*); Button b1 = findViewById(R.id.*bt*);    b1.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String user = e1.getText().toString().trim();  String pass = e2.getText().toString().trim();    if (user.isEmpty() || pass.isEmpty()) {  Toast.*makeText*(MainActivity.this, "Please  enter username and password!",  Toast.*LENGTH\_SHORT*).show();  } else if (user.equals("admin") &&  pass.equals("12345")) {  Toast.*makeText*(MainActivity.this, "Login successful!", Toast.*LENGTH\_SHORT*).show();  } else {  Toast.*makeText*(MainActivity.this, "Login  Unsuccessful!", Toast.*LENGTH\_SHORT*).show();  }  }  });  }  } |
| --- | --- |

android:hint="Enter Password"/>

**Output:**



