**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"  
 tools:context=".MainActivity">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:weightSum="10"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/title\_text\_view"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Sign In"  
 android:textSize="40dp"  
 android:textAppearance="?android:textAppearanceLarge"  
 android:textStyle="bold"  
 android:textAlignment="center"/>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="2"/>  
  
 <EditText  
 android:id="@+id/username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Username"  
 android:textSize="20dp"  
 />  
 <EditText  
 android:id="@+id/password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Password"  
 android:textSize="20dp"  
 android:inputType="textPassword"  
 />  
 <Button  
 android:id="@+id/login\_button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textAlignment="center"  
 android:layout\_gravity="center"  
 android:textSize="20dp"  
 android:onClick="movepage"  
 android:text="Login" />  
  
 </LinearLayout>  
  
</RelativeLayout>

**MainActivity.java:**

package com.example.lab6;  
  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText user,pass;  
 Button login;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
  
 user= findViewById(R.id.*username*);  
 pass= findViewById(R.id.*password*);  
 login= findViewById(R.id.*login\_button*);  
 }  
  
 public void movepage(View v)  
 {  
 String strname = user.getText().toString();  
 String strpass = pass.getText().toString();  
  
  
 Intent i = new Intent(MainActivity.this,Summary.class);  
 Bundle bundle = new Bundle();  
 bundle.putString("username", strname);  
 bundle.putString("password", strpass);  
 in.putExtras(bundle);  
 startActivity(i);  
  
 if(strname.equals("Ali") && strpass.equals("1992"))  
 {  
 Intent int = new Intent(MainActivity.this,Summary.class);  
 Bundle bundle = new Bundle();  
 bundle.putString("username", strname);  
 bundle.putString("password", strpass);  
 int.putExtras(bundle);  
 startActivity(int);  
 }  
  
 else if(strname.equals("") || strpass.equals(""))  
 {  
 Toast.*makeText*(getBaseContext(),"Enter Username and Password",Toast.*LENGTH\_SHORT*).show();  
 }  
  
 else  
 {  
 Toast.*makeText*(getBaseContext(),"Wrong Username and Password",Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
}

**Output:**

