activity\_main.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout 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=".MainActivity"**>  
  
 <**EditText  
 android:id="@+id/etname"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:hint="Enter Your ID:"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.497"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.183"** />  
  
 <**EditText  
 android:id="@+id/etPassword"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:hint="Password"  
 android:inputType="textPassword"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.497"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.325"** />  
  
 <**Button  
 android:id="@+id/btnLogin"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.474"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.592"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

MainActivity.java

**package** com.example.loginprog;  
  
**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.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 **private** EditText **Name**;  
 **private** EditText **Password**;  
 **private** Button **Login**;  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **Name**= (EditText)findViewById(R.id.***etname***);  
 **Password** = (EditText)findViewById(R.id.***etPassword***);  
 **Login** = (Button) findViewById(R.id.***btnLogin***);  
 **Login**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 validate(**Name**.getText().toString(),**Password**.getText().toString());  
  
 }  
 });  
 }  
  
 **private void** validate(String userName, String userPassword){  
 **if**((userName.equals(**"Admin"**)) && (userPassword.equals(**"1234"**))) {  
 Toast.*makeText*(MainActivity.**this**,**"Successful"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(MainActivity.**this**, SecondActivity.**class**);  
 startActivity(intent);  
 }  
 **else if**( userName.isEmpty() || userPassword.isEmpty()) {  
 Toast.*makeText*(MainActivity.**this**,**" Please enter all the details correctly"**, Toast.***LENGTH\_SHORT***).show();  
 }  
   
 **else**{  
 Toast.*makeText*(MainActivity.**this**,**" Not Valid Credentials"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
}