



Code in XML

```
<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" >
```

```
<EditText
```

```
    android:id="@+id/etxtname"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_centerHorizontal="true"
```

```
    android:layout_marginBottom="15dp"
```

```
    android:layout_marginTop="15dp"
```

```
    android:ems="10"
```

```
    android:hint="@string/user_name"
```

```
    android:inputType="textPersonName" />
```

```
<EditText
```

```
android:id="@+id/etxtpass"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:layout_centerHorizontal="true"  
android:layout_alignTop="@+id/etxtname"  
android:layout_marginTop="50dp"  
android:ems="10"  
android:hint="@string/enter_password"  
android:inputType="textPassword" />
```

<Button

```
android:id="@+id/btnlogin"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:layout_alignTop="@+id/etxtpass"  
android:layout_marginTop="50dp"  
android:layout_centerHorizontal="true"  
android:minWidth="100dip"  
android:text="@string/login" />
```

<TextView

```
android:id="@+id/txtmsg"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:layout_alignTop="@+id/btnlogin"  
android:layout_marginTop="80dp"  
android:layout_centerHorizontal="true"  
android:layout_centerVertical="true" />
```

</RelativeLayout>

Code in java

```
package com.example.login;  
import android.os.Bundle;  
import android.app.Activity;
```

```

import android.view.Menu;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;
public class MainActivity extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        final EditText etxtpass = (EditText) findViewById(R.id.etxtpass);
        final EditText etxtname = (EditText) findViewById(R.id.etxtname);
        final Button btnlogin = (Button) findViewById(R.id.btnlogin);
        final TextView txtmsg = (TextView) findViewById(R.id.txtmsg);
        final String name = "noorthamer";
        final String password = "noor";
        btnlogin.setOnClickListener(new OnClickListener()
        {
            @Override
            public void onClick(View v)
            {
                String sname = etxtname.getText().toString();
                String spass = etxtpass.getText().toString();
                (sname.equals(name) && spass.equals(password))
                {
                    etxtpass.setEnabled(false);
                    etxtname.setEnabled(false);
                    btnlogin.setEnabled(false);
                    txtmsg.setText("Welcome at Mobile Application");
                }
            }
        }
    }
}

```

```
        else
        {
            txtmsg.setText("Error "+sname+" "+spass);
        }
    }
};
}
}
```