

## Implementation of Activity and layout - Android

### MainActivity.java

```
package com.example.myapps;

import android.app.Activity;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Button btn = (Button)findViewById(R.id.button);
        final EditText edit1 = (EditText)findViewById(R.id.editText1);
        final EditText edit2 = (EditText)findViewById(R.id.editText2);

        btn.setOnClickListener(new OnClickListener() {

            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                String username = edit1.getText().toString();
                String password = edit2.getText().toString();
                if(username.equals("shiva") && password.equals("papa"))
                {
                    Intent intent = new Intent(getApplicationContext(),second.class);
                    startActivity(intent);
                }
                else
                {
                    new AlertDialog.Builder(MainActivity.this)
                        .setTitle("Password Error")
                        .setMessage("Retry Entering correct password!")
                        .setPositiveButton(android.R.string.yes, new
DialogInterface.OnClickListener() {
```

```

        public void onClick(DialogInterface dialog, int which) {
            // continue with delete
        }
    })
    .setNegativeButton(android.R.string.no, new
DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int which) {
            // do nothing
        }
    })
    .setIcon(android.R.drawable.ic_dialog_alert)
    .show();
    }

    }
    });
}

```

```

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is present.
    getMenuInflater().inflate(R.menu.main, menu);
    return true;
}

}

```

### **second.java:**

```
package com.example.myapps;
```

```
import android.app.Activity;
import android.os.Bundle;
import android.view.Menu;
import android.view.View;
```

```
public class second extends Activity {
```

```

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.second);
    }

```

```

    @Override

```

```

public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is present.
    getMenuInflater().inflate(R.menu.main, menu);
    return true;
}

}

```

#### **main.xml :**

```

<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#7FFFD4"
    android:orientation="vertical">
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    >

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_marginLeft="22dp"
        android:textStyle="bold"
        android:layout_marginTop="17dp"
        android:text="Welcome User,"
        android:textAppearance="?android:attr/textAppearanceMedium" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/textView1"
        android:layout_below="@+id/textView1"
        android:textStyle="bold"
        android:layout_marginTop="25dp"
        android:text="Name : " />

    <EditText
        android:id="@+id/editText1"
        android:layout_width="wrap_content"

```

```
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/textView2"
    android:layout_alignBottom="@+id/textView2"
    android:layout_marginLeft="26dp"
    android:layout_toRightOf="@+id/textView2"
    android:ems="10" >
```

```
<requestFocus />
```

```
</EditText>
```

```
<DatePicker
```

```
    android:id="@+id/datePicker1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/editText1"
    android:layout_below="@+id/editText1"
    android:layout_marginTop="23dp" />
```

```
<TextView
```

```
    android:id="@+id/textView3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/datePicker1"
    android:layout_alignBottom="@+id/datePicker1"
    android:layout_toLeftOf="@+id/editText1"
    android:textStyle="bold"
    android:text="Dob ." />
```

```
<TextView
```

```
    android:id="@+id/textView4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/textView3"
    android:layout_marginTop="25dp"
    android:textStyle="bold"
    android:layout_toLeftOf="@+id/editText1"
    android:text="Father ." />
```

```
<EditText
```

```
    android:id="@+id/editText2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/textView4"
    android:layout_alignBottom="@+id/textView4"
    android:layout_alignLeft="@+id/datePicker1"
    android:ems="10" />
```

```
<TextView
```

```
android:id="@+id/textView5"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_alignRight="@+id/textView4"
android:layout_below="@+id/editText2"
android:layout_marginTop="30dp"
android:textStyle="bold"
android:text="Reason:" />
```

```
<EditText
    android:id="@+id/editText3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/textView5"
    android:layout_alignBottom="@+id/textView5"
    android:layout_alignLeft="@+id/editText2"
    android:ems="10" />
```

```
<RadioButton
    android:id="@+id/radioButton1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/editText3"
    android:layout_below="@+id/editText3"
    android:layout_marginTop="30dp"
    android:text="male" />
```

```
<RadioButton
    android:id="@+id/radioButton2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/radioButton1"
    android:layout_alignBottom="@+id/radioButton1"
    android:layout_toRightOf="@+id/datePicker1"
    android:text="female" />
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBottom="@+id/radioButton1"
    android:layout_alignRight="@+id/textView5"
    android:textStyle="bold"
    android:text="Gender:" />
```

```
<CheckBox
    android:id="@+id/checkbox1"
    android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/textView3"
        android:layout_below="@+id/radioButton1"
        android:layout_marginTop="51dp"
        android:text="i assure that Above given details are true to my knowledge and can be verified by office
at any point of time in future." />

```

```

<Button
    android:id="@+id/button1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/checkBox1"
    android:layout_alignLeft="@+id/textView2"
    android:layout_alignParentBottom="true"
    android:layout_alignRight="@+id/editText3"
    android:text="Apply for Bonafide" />

```

```

</RelativeLayout></ScrollView>

```

## second.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"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:background="#EED2ED"
    tools:context=".MainActivity" >

```

```

<TextView
    android:id="@+id/textView1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_marginLeft="30dp"
    android:layout_marginTop="55dp"
    android:textSize="18dp"
    android:singleLine="true"
    android:text="Username" />

```

```

<EditText
    android:id="@+id/editText1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"

```

```
    android:layout_alignLeft="@+id/textView1"
    android:layout_below="@+id/textView1"
    android:layout_marginTop="16dp"
    android:ems="10"
    android:hint="Your Username here" >
```

```
    <requestFocus />
</EditText>
```

```
<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:textSize="18dp"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/editText1"
    android:layout_below="@+id/editText1"
    android:layout_marginTop="28dp"
    android:text="Password" />
```

```
<EditText
    android:id="@+id/editText2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/textView2"
    android:layout_centerVertical="true"
    android:ems="10"
    android:hint="Your Password here"
    android:inputType="textPassword" />
```

```
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/editText2"
    android:layout_alignRight="@+id/editText1"
    android:layout_below="@+id/editText2"
    android:layout_marginTop="44dp"
    android:text="Log In" />
```

```
</RelativeLayout>
```

### **Androidmanifest.xml:**

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.myapps"
    android:versionCode="1"
    android:versionName="1.0" >
```

```

<uses-sdk
    android:minSdkVersion="8"
    android:targetSdkVersion="17" />

<application
    android:allowBackup="true"
    android:icon="@drawable/ic_launcher"
    android:label="@string/app_name"
    android:theme="@style/AppTheme" >
    <activity
        android:name="com.example.myapps.MainActivity"
        android:label="Login" >
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
    <activity
        android:name="com.example.myapps.second"
        android:label="Bonafide Apply" >

    </activity>
</application>

</manifest>

```

**output :**





