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)findViewByld(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"</pre>
  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:





