**MainActivity.java**

**package** com.example.myapplicationalert;  
  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.support.v7.app.AlertDialog;  
**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.TextView;  
**import** android.widget.Toast;  
  
**import** org.w3c.dom.Text;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 TextView **textView**, **textView2**; EditText **etUser**, **etPwd**;  
 Button **btnLogin**, **btnCancel**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **textView**=(TextView)findViewById(R.id.***textView***);  
 **textView2**=(TextView)findViewById(R.id.***textView2***);  
 **etUser** = (EditText)findViewById(R.id.***etUser***);  
 **etPwd** = (EditText)findViewById(R.id.***etPwd***);  
 **btnLogin** = (Button)findViewById(R.id.***btnLogin***);  
 **btnCancel** = (Button)findViewById(R.id.***btnCancel***);  
 **btnLogin**.setOnClickListener(**new** View.OnClickListener(){  
 **public void** onClick(View v)  
 {  
 **final** String u = **etUser**.getText().toString();  
 String p = **etPwd**.getText().toString();  
 **if**(**"student"**.equals(u)&& **"123"**.equals(p)) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(MainActivity.**this**);  
 builder.setMessage(**"Login successful"**);  
 builder.setPositiveButton(**"OK"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 Toast.*makeText*(getApplicationContext(), **"You're logged in"**, Toast.***LENGTH\_LONG***).show();  
 *//finish();* Intent intent = **new** Intent(getApplicationContext(), HomeActivity.**class**);  
 intent.putExtra(**"user"**, u);  
 startActivity(intent);  
 }  
 });  
 AlertDialog alert = builder.create();  
 alert.show();  
 }  
 **else**{  
 AlertDialog.Builder builder2 = **new** AlertDialog.Builder(MainActivity.**this**);  
 builder2.setMessage(**"Login unsuccessful"**);  
 builder2.setNegativeButton(**"OK"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 dialog.cancel();  
 }  
 });  
 AlertDialog alert = builder2.create();  
 alert.show();  
 }  
 }  
 });  
 **btnCancel**.setOnClickListener(**new** View.OnClickListener(){  
 **public void** onClick(View v)  
 {  
 finish();  
 }  
 });  
 }  
}

**activity\_main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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"**>  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="73dp"  
 android:layout\_height="21dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="280dp"  
 android:layout\_marginBottom="520dp"  
 android:text="Username"  
 tools:layout\_editor\_absoluteX="43dp"  
 tools:layout\_editor\_absoluteY="121dp"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="71dp"  
 android:layout\_height="23dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="280dp"  
 android:layout\_marginBottom="446dp"  
 android:text="Password"  
 tools:layout\_editor\_absoluteX="43dp"  
 tools:layout\_editor\_absoluteY="167dp"** />  
  
 <**EditText  
 android:id="@+id/etUser"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="26dp"  
 android:layout\_marginBottom="508dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 tools:layout\_editor\_absoluteX="138dp"  
 tools:layout\_editor\_absoluteY="109dp"** />  
  
 <**EditText  
 android:id="@+id/etPwd"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="26dp"  
 android:layout\_marginBottom="434dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 tools:layout\_editor\_absoluteX="138dp"  
 tools:layout\_editor\_absoluteY="154dp"** />  
  
 <**Button  
 android:id="@+id/btnLogin"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="237dp"  
 android:layout\_marginBottom="329dp"  
 android:text="Login"  
 tools:layout\_editor\_absoluteX="78dp"  
 tools:layout\_editor\_absoluteY="265dp"** />  
  
 <**Button  
 android:id="@+id/btnCancel"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="83dp"  
 android:layout\_marginBottom="329dp"  
 android:text="Cancel"  
 tools:layout\_editor\_absoluteX="194dp"  
 tools:layout\_editor\_absoluteY="263dp"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="173dp"  
 android:layout\_marginBottom="585dp"  
 android:text="Login"  
 android:textSize="18sp"** />  
</**RelativeLayout**>

**HomeActivity.java**

**package** com.example.myapplicationalert;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.widget.TextView;  
  
**public class** HomeActivity **extends** AppCompatActivity {  
 TextView **tvDisplay**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_home***);  
 **tvDisplay** = (TextView)findViewById(R.id.***tvDisplay***);  
 Intent intent = getIntent();  
 *//intent.getStringExtra("user");* **tvDisplay**.setText(**"Welcome to New York, it's been waiting for you! "**+intent.getStringExtra(**"user"**));  
 }  
}

**Activity\_home.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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=".HomeActivity"**>  
  
 <**EditText  
 android:id="@+id/editText"  
 android:layout\_width="136dp"  
 android:layout\_height="38dp"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginBottom="693dp"  
 android:ems="10"  
 android:inputType="time"  
 tools:layout\_editor\_absoluteX="270dp"  
 tools:layout\_editor\_absoluteY="8dp"** />  
  
 <**EditText  
 android:id="@+id/editText2"  
 android:layout\_width="146dp"  
 android:layout\_height="32dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="0dp"  
 android:layout\_marginBottom="699dp"  
 android:ems="10"  
 android:inputType="date"  
 tools:layout\_editor\_absoluteX="0dp"  
 tools:layout\_editor\_absoluteY="8dp"** />  
  
 <**TextView  
 android:id="@+id/tvDisplay"  
 android:layout\_width="161dp"  
 android:layout\_height="54dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginEnd="109dp"  
 android:layout\_marginBottom="389dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
</**RelativeLayout**>