Giancarlo Barillas

Midterm

ANDROID:

**Android Manifest**

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="org.example.myapplication"**>  
  
 <**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme"**>  
 <**activity android:name=".MainActivity"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
 <**activity android:name=".secondjava"**></**activity**>  
 </**application**>  
  
</**manifest**>

**Activity\_Main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.constraint.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="org.example.myapplication.MainActivity"**>  
  
 <**ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:srcCompat="@drawable/iit"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="Username:"  
 android:textSize="20sp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imageView"** />  
  
 <**EditText  
 android:id="@+id/username"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 app:layout\_constraintStart\_toStartOf="@+id/textView2"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView2"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:text="Password:"  
 android:textSize="20sp"  
 app:layout\_constraintStart\_toStartOf="@+id/username"  
 app:layout\_constraintTop\_toBottomOf="@+id/username"** />  
  
 <**EditText  
 android:id="@+id/password"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 app:layout\_constraintStart\_toStartOf="@+id/textView3"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView3"** />  
  
 <**Button  
 android:id="@+id/submit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="32dp"  
 android:onClick="onButtonClick"  
 android:text="Submit"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/password"** />  
  
</**android.support.constraint.ConstraintLayout**>

**Customlayout.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/courseinfo"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:text="TextView"  
 android:textSize="15sp"** />  
</**RelativeLayout**>

**Second.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.constraint.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"**>  
  
 <**TextView  
 android:id="@+id/usernamesecond"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="24dp"  
 android:text="TextView"  
 android:textSize="25sp"  
 app:layout\_constraintStart\_toEndOf="@+id/textView5"  
 app:layout\_constraintTop\_toTopOf="@+id/textView5"** />  
  
 <**TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="Student Name:"  
 android:textSize="25sp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
 <**ListView  
 android:id="@+id/courselist"  
 android:layout\_width="368dp"  
 android:layout\_height="453dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="50dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
</**android.support.constraint.ConstraintLayout**>

**CustomListAdpater.java**

**package** org.example.myapplication;  
  
**import** android.app.Activity;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
  
**public class** CustomListAdapter **extends** ArrayAdapter<String> {  
 **private final** Activity **Context**;  
 **private final** String[] **ListItemsName**;  
  
  
 **public** CustomListAdapter(Activity context, String[] names) {*// 3 Arguments, context which is the activity, array of strings for cityName,integer array for images* **super**(context, R.layout.***customlayout***, names);*//create default* **this**.**Context** = context;  
 **this**.**ListItemsName** = names;  
 }  
 **public** View getView(**int** position, View view, ViewGroup parent) {  
  
 LayoutInflater inflater = **Context**.getLayoutInflater();  
 View ListViewSingle = inflater.inflate(R.layout.***customlayout***, **null**, **true**);  
 TextView ListViewItems = (TextView) ListViewSingle.findViewById(R.id.***courseinfo***);  
 ListViewItems.setText(**ListItemsName**[position]);  
  
  
 **return** ListViewSingle;  
 };  
}

**MainActivity.java**

**package** org.example.myapplication;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 EditText **user**;  
 EditText **pass**;  
 String **defualtpassword**=**"work"**;  
 String **password**;  
 String **susername**;  
 **int counter**=0;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
  
  
 **public void** onButtonClick(View v){  
 **user**=(EditText)findViewById(R.id.***username***);  
 **pass**=(EditText)findViewById(R.id.***password***);  
 **password**=(String) **pass**.getText().toString();  
 **susername**=(String)**user**.getText().toString();  
 **if**(**password**.equals(**defualtpassword**)){  
 *//buttonclick  
 //Toast.makeText(getApplicationContext(),"Working", Toast.LENGTH\_LONG).show();* Intent intent=**new** Intent(getApplicationContext(),secondjava.**class**);  
 intent.putExtra(**"getUser"**,**susername**);  
 startActivity(intent);  
 }  
 **else**{  
 **counter**++;  
 Toast.*makeText*(getApplicationContext(),**"Error:"**+**counter**, Toast.***LENGTH\_LONG***).show();  
 }  
 }  
}

**Second.java**

**package** org.example.myapplication;  
  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.widget.ListAdapter;  
**import** android.widget.ListView;  
**import** android.widget.TextView;  
  
**import** org.w3c.dom.Text;  
  
*/\*\*  
 \* Created by GiancarloDesktop on 3/5/2018.  
 \*/***public class** secondjava **extends** AppCompatActivity{  
  
  
 TextView **usernameSecond**;  
 String **secondUsername**;  
 String[] **Mycourse**={**"ITMD:361 Fundamentals of Web Development"**,**"ITMD:455 Intelligent Device Apps Android"**,**"Math:230 Discrete Mathematics"**,  
 **"IMTD:411 Intermediate Software Development"**,**"LIT:380 Latino Lives"**};  
 ListView **listView**;  
 ListAdapter **listAdapter**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState){  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***second***);  
 **usernameSecond**=(TextView)findViewById(R.id.***usernamesecond***);  
 Bundle currentUsername=getIntent().getExtras();  
 **if**(currentUsername==**null**) {  
 **return**;  
 }**else**{  
 **secondUsername**=currentUsername.getString(**"getUser"**);  
 }  
 **usernameSecond**.setText(**secondUsername**);  
 **listView**=(ListView)findViewById(R.id.***courselist***);  
 **listAdapter**=**new** CustomListAdapter(secondjava.**this**,**Mycourse**);  
 **listView**.setAdapter(**listAdapter**);  
 }  
  
}

**Photos**





