CORRECTION TP2

activity\_notes.xml :

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout 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="wrap\_content"  
 tools:context=".Notes" android:orientation="vertical"**>  
  
 <**ListView  
 android:id="@android:id/list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content** />  
  
 <**AutoCompleteTextView  
 android:id="@+id/matieresTV"  
 android:layout\_width="match\_parent"  
 android:layout\_height="43dp"  
 android:completionThreshold="3"  
 android:hint="@string/matiere"** />  
  
</**LinearLayout**>

ma\_ligne.xml :

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"**>

<**ImageView  
 android:id="@+id/monImage"  
 android:layout\_width="40dp"  
 android:layout\_height="42dp"  
 android:src="@drawable/reussite"  
 android:contentDescription=""**/>  
  
 <**TextView  
 android:id="@+id/note"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center" android:text="@string/note"**/>  
  
</**LinearLayout**>

strings.xml :

<**resources**>  
 <**string name="app\_name"**>TP2</**string**>  
 <**string name="note"**>Note..</**string**>  
 <**string name="matiere"**>Matière...</**string**>  
</**resources**>

Notes.java :

Méthode1 :

**import** android.app.ListActivity; **import** android.os.Bundle;

**import** android.view.View; **import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;  
**import** android.widget.AutoCompleteTextView;  
**import** android.widget.ListView; **import** android.widget.Toast;  
  
**import static** android.R.id.***list***;  
  
**public class** Notes **extends** ListActivity {  
**private** AutoCompleteTextView **matieresTV**;  
**private** ListView **notesList**;  
**private** String [] **mesNotes**={**"12.5"**, **"4.75"**, **"15"**, **"10.25"**, **"7.5"**, **"16.75"**};

**private** String [] **mesMatieres**={**"Matiere1"**,**"Matiere2"**,**"Matiere3"**};  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_notes***);  
  
*/\* notesList=(ListView) findViewById(R.id.notesList);  
final ArrayAdapter<String> ListAdapter = new ArrayAdapter <String>(this,android.R.layout.simple\_list\_item\_1,mesNotes);  
 notesList.setAdapter(ListAdapter);*

*notesList.setAdapter(new MaLigneAdapter(this,new String[0])); \*/* **matieresTV** = (AutoCompleteTextView) findViewById(R.id.***matieresTV***);  
 **matieresTV**.setAdapter(**new** ArrayAdapter<String>(**this**, android.R.layout.***simple\_dropdown\_item\_1line***, **mesMatieres**));  
  
 **matieresTV**.setOnItemClickListener(**new** AdapterView.OnItemClickListener(){  
@Override  
**public void** onItemClick (AdapterView<?> parent, View view, **int** position, **long** id) { *//behaviour when an item "view" is clicked*

**notesList**.setOnItemClickListener(**new** AdapterView.OnItemClickListener(){

@Override

**public void** onItemClic(AdapterView<?>parent,View view,**int** position,**long** id) { *//behaviour when you click on the item "view"* String s =(String) parent.getItemAtPosition(position);  
 **double** value=Double.*valueOf*(s);  
 **if** ( value > 10 )  
 Toast.*makeText*(Notes.**this**,**"Réussi"**, Toast.***LENGTH\_SHORT***).show();  
 **else** Toast.*makeText*(Notes.**this**,**"Echoué"**, Toast.***LENGTH\_SHORT***).show();}  
 });  
 }  
 });  
 */\*String value =(String) adapterView.getItemAtPosition(i);\*/*

**notesList**=(ListView) findViewById(***list***);  
 **notesList**.setAdapter(**new** MaLigneAdapter(**this**, **mesNotes**));  
 }  
}

Méthode2 :

**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle; **import** android.view.View;  
**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;  
**import** android.widget.AutoCompleteTextView;  
**import** android.widget.ListView; **import** android.widget.Toast;  
  
**public class** Notes **extends** AppCompatActivity {  
ListView **notesList**;  
String [] **mesNotes** = {**"12.5"**, **"4.75"**, **"15"**, **"10.25"**, **"7.5"**,**"16.75"**};  
String[] **mesMatieres** ={**"Matière1"**, **"Matière2"**, **"Matière3"**};  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_notes***);  
  
 **notesList** = (ListView) findViewById(R.id.***notesList***);  
 ArrayAdapter<String> listAdapter = **new** ArrayAdapter<String>(**this**, android.R.layout.***simple\_list\_item\_1***, **mesNotes**);  
 **notesList**.setAdapter(listAdapter);  
 *//notesList.setAdapter(new MaLigneAdapter(this,new String[0]));* **notesList**.setOnItemClickListener(**new** AdapterView.OnItemClickListener(){  
@Override  
**public void** onItemClick(AdapterView<?> adapterView,View view,**int** i,**long** l){ *// behaviour when you click on the item"view"* String s = (String) **notesList**.getItemAtPosition(i);  
 Float f = Float.*valueOf*(s);  
 **if**(f >= 10) {  
Toast.*makeText*(getApplicationContext(), **"Réussi"**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
 Toast.*makeText*(getApplicationContext(),**"Echoué"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 AutoCompleteTextView matieresTV = (AutoCompleteTextView) findViewById(R.id.***matieresTV***);  
 matieresTV.setAdapter(**new** ArrayAdapter<String>(**this**, android.R.layout.***simple\_dropdown\_item\_1line***,**mesMatieres**));  
  
matieresTV.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
@Override  
**public void** onItemClick(AdapterView<?>adapterView,View view,**int** i,**long** l) {  
  
}  
 });  
 *//notesList=(ListView) findViewById(list);  
 //notesList.setAdapter(new MaLigneAdapter(this, mesNotes));* }  
}

MaLigneAdapter.java :

**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** MaLigneAdapter **extends** ArrayAdapter<String> {  
 Activity **context**;  
 String[] **items**;  
  
 MaLigneAdapter(Activity context, String[] items) {  
 **super**(context, R.layout.***ma\_ligne***, items);  
 **this**.**context** = context;  
 **this**.**items** = items;  
 }  
@Override  
**public** View getView(**int** position,View convertView,ViewGroup parent){  
 LayoutInflater inflater = **context**.getLayoutInflater();

**if** (convertView == **null**){  
 convertView =inflater.inflate(R.layout.***ma\_ligne***,**null**);  
 }

TextView label=(TextView) convertView.findViewById(R.id.***note***);

ImageView icone=(ImageView) convertView.findViewById(R.id.***monImage***);  
 label.setText(**items**[position]);

**float** note = Float.*valueOf*(**items**[position]);  
 icone.setImageResource(  
 (note >= 10) ? R.drawable.***reussite*** : R.drawable.***echec***

);  
 **return** convertView ;

}  
}