SurfaceEtPérimetre

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"**>  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_marginTop="14dp" android:orientation="horizontal"  
 android:id="@+id/linearLayout"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Largeur :"** />  
  
 <**EditText  
 android:id="@+id/edLargeur"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="numberDecimal"**/>  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:id="@+id/linearLayout2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_below="@+id/linearLayout"  
 android:layout\_marginTop="35dp"  
 android:orientation="horizontal"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Longueur :"** />  
  
 <**EditText  
 android:id="@+id/edLongueur"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="numberDecimal"**/>  
 </**LinearLayout**>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignStart="@+id/res"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="-12dp"  
 android:layout\_marginTop="186dp" android:onClick="cSurface"  
 android:text="Calculer Surface"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginTop="186dp" android:layout\_marginEnd="0dp"  
 android:layout\_marginRight="0dp" android:onClick="cSurface"  
 android:text="Calculer Périmetre"** />  
  
 <**TextView  
 android:id="@+id/res"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginLeft="8dp"**

**android:layout\_marginTop="290dp"  
 android:text="Résultat : "** />  
  
</**RelativeLayout**>

MainActivity.java :

**import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle;  
**import** android.view.View; **import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **e1**,**e2**;  
 TextView **result**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **e1** = (EditText) findViewById(R.id.***edLargeur***);  
 **e2** = (EditText) findViewById(R.id.***edLongueur***);  
 **result** = findViewById(R.id.***res***);  
 }  
 **public void** cSurface (View v){  
 String slargeur = **e1**.getText().toString();  
 String slongueur= **e2**.getText().toString();  
 Float largeur = Float.*valueOf*(slargeur);  
 Float longueur = Float.*valueOf*(slongueur);  
 **result**.setText(**"La surface est : "**+(largeur\*longueur));  
 }  
 **public void** cPérimetre (View v) {  
 String slargeur = **e1**.getText().toString();  
 String slongueur = **e2**.getText().toString();  
 Float largeur = Float.*valueOf*(slargeur);  
 Float longueur = Float.*valueOf*(slongueur);  
 **result**.setText(**"Le périmetre est : "**+((largeur+longueur)\*2));  
 }  
  
}