Create an app for an array list operators:Union,Intersection,merge

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<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:padding="16dp"  
 tools:context=".MainActivity">

<EditText  
 android:id="@+id/editList1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter list 1 (comma-separated)"  
 android:inputType="text"/>

<EditText

android:id="@+id/editList2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/editList1"  
 android:layout\_marginTop="16dp"  
 android:hint="Enter list 2 (comma-separated)"  
 android:inputType="text"/>

<Button  
 android:id="@+id/btnUnion"  
 android:layout\_width="231dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/editList2"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginStart="117dp"  
 android:layout\_marginTop="47dp"  
 android:layout\_marginEnd="110dp"  
 android:text="Union" />

<Button

android:id="@+id/btnIntersection"  
 android:layout\_width="188dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/btnUnion"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginStart="113dp"  
 android:layout\_marginTop="37dp"

android:layout\_marginEnd="94dp"  
 android:text="Intersection" />

<Button  
 android:id="@+id/btnMerge"  
 android:layout\_width="133dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/btnIntersection"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginStart="114dp"  
 android:layout\_marginTop="32dp"  
 android:layout\_marginEnd="149dp"  
 android:text="Merge" />

<TextView

android:id="@+id/textResult"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/btnMerge"  
 android:layout\_marginTop="16dp" />

</RelativeLayout>