<**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello World!"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />

**android:background="#03A9F4"**

**android:orientation="vertical"**

Cach 1: <**ImageView  
 android:layout\_width=""  
 android:layout\_height=""**>  
   
</**ImageView**>  
 Cach 2: <**ImageView  
 android:layout\_width=""  
 android:layout\_height=""**/>

Ctrl + space : phim goi y code

<**TextView**

**android:layout\_margin="100dp"**

**android:layout\_width=""  
 android:layout\_height=""** />

<**TextView  
 android:textColor="#ffff"  
 android:background="#f20"  
 android:paddingLeft="10dp"  
 android:layout\_margin="100dp"  
 android: android:text="View 1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"** />

*P*

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 tools:context=".MainActivity"**>  
  
 <**TextView  
 android:layout\_gravity="bottom|right"  
 android:textColor="#ffff"  
 android:background="#f20"  
 android:paddingLeft="10dp"  
 android:layout\_margin="10dp"  
 android:textSize="30dp"  
 android: android:text="View 1"  
 android:layout\_width="200dp"  
 android:layout\_height="200dp"** />  
  
 <**TextView  
 android:textColor="#ffff"  
 android:background="#2196F3"  
 android:paddingLeft="10dp"  
 android:layout\_margin="10dp"  
 android:textSize="30dp"  
 android: android:text="View 2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"** />

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"  
 tools:context=".MainActivity"**>  
  
 <**TextView  
 android:layout\_gravity="bottom|right"  
 android:textColor="#ffff"  
 android:background="#f20"  
 android:paddingLeft="10dp"  
 android:layout\_margin="10dp"  
 android:textSize="30dp"  
 android: android:text="View 1"  
 android:layout\_width="200dp"  
 android:layout\_height="200dp"** />  
  
 <**TextView  
 android:textColor="#ffff"  
 android:background="#2196F3"  
 android:paddingLeft="10dp"  
 android:layout\_margin="10dp"  
 android:textSize="30dp"  
 android: android:text="View 2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"** />

|  |
| --- |
| @@ -5,18 +5,25 @@ |
|  |  | xmlns:tools="http://schemas.android.com/tools" |
|  |  | android:layout\_width="match\_parent" |
|  |  | android:layout\_height="match\_parent" |
|  |  | android:orientation="horizontal" |
|  |  | tools:context=".MainActivity"> |
|  |  |  |
|  |  | <TextView |
|  |  | android:gravity="bottom|right" |
|  |  | android:textSize="30sp" |
|  |  | android:text="View 1" |
|  |  | android:layout\_width="200dp" |
|  |  | android:layout\_height="200dp"/> |
|  |  | <TextView |
|  |  | android:textSize="30sp" |
|  |  | android:text="View 2" |
|  |  | android:layout\_width="wrap\_content" |
|  |  | android:layout\_height="wrap\_content"/> |
|  |  | android:orientation="vertical" |
|  |  | tools:context=".MainActivity" |
|  |  | android:weightSum="10"> |
|  |  | <!-- // do : 2--> |
|  |  | <!-- // xanh : 4--> |
|  |  | <!-- // den : 4--> |
|  |  | <LinearLayout |
|  |  | android:layout\_weight="2" |
|  |  | android:background="#f20" |
|  |  | android:layout\_width="match\_parent" |
|  |  | android:layout\_height="0dp"/> |
|  |  | <LinearLayout |
|  |  | android:layout\_weight="4" |
|  |  | android:background="#0048FF" |
|  |  | android:layout\_width="match\_parent" |
|  |  | android:layout\_height="0dp"/> |
|  |  | <LinearLayout |
|  |  | android:layout\_weight="4" |
|  |  | android:background="#040404" |
|  |  | android:layout\_width="match\_parent" |
|  |  | android:layout\_height="0dp"/> |

|  |
| --- |
| - Thong ke |
|  |  | - layout\_gravity (trái chiều) orientation |
|  |  | - gravity (dùng để xác định vị trí bên trong kích của mình) |
|  |  | - orientaion (hướng các thằng con được sắp xếp) |
|  |  | - layout\_weight |
|  |  | + lấy kích thước của parent (nếu các weight bằng nhau thì chia đều) |
|  |  | + cùng chiều orientation |
|  |  | - weight sum : số lượng phần 1 parent sẽ có |

Bài tập 1

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity"**>  
  
 <**LinearLayout  
 android:layout\_weight="5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:orientation="vertical"**>  
  
 <**LinearLayout** <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="A"  
 android:background="#EA0C0C"  
 android:gravity="center"  
 android:textSize="30sp"** />  
 android:layout\_weight="2"  
 android:background="#f20"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"/>  
 <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="B"  
 android:background="#74DC4B"  
 android:gravity="center"  
 android:textSize="30sp"** />  
 <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="C"  
 android:background="#FFEB3B"  
 android:gravity="center"  
 android:textSize="30sp"** />  
 <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="D"  
 android:background="#2B7CFA"  
 android:gravity="center"  
 android:textSize="30sp"** />  
  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_weight="5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:orientation="horizontal"**>  
  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#FFEB3B"  
 android:layout\_width="0dp"  
 android:text="A"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
  
  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#83837E"  
 android:layout\_width="0dp"  
 android:text="B"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#B025D6"  
 android:layout\_width="0dp"  
 android:text="C"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#3C1723"  
 android:layout\_width="0dp"  
 android:text="D  
"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
  
  
 </**LinearLayout**>

Bài tập 1

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity"**>  
  
 <**LinearLayout  
 android:layout\_weight="5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:orientation="vertical"**>  
  
 <**LinearLayout** <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="A"  
 android:background="#EA0C0C"  
 android:gravity="center"  
 android:textSize="30sp"** />  
 android:layout\_weight="2"  
 android:background="#f20"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"/>  
 <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="B"  
 android:background="#74DC4B"  
 android:gravity="center"  
 android:textSize="30sp"** />  
 <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="C"  
 android:background="#FFEB3B"  
 android:gravity="center"  
 android:textSize="30sp"** />  
 <**TextView  
 android:layout\_weight="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:text="D"  
 android:background="#2B7CFA"  
 android:gravity="center"  
 android:textSize="30sp"** />  
  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_weight="5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:orientation="horizontal"**>  
  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#FFEB3B"  
 android:layout\_width="0dp"  
 android:text="A"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
  
  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#83837E"  
 android:layout\_width="0dp"  
 android:text="B"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#B025D6"  
 android:layout\_width="0dp"  
 android:text="C"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
 <**TextView  
 android:layout\_weight="2"  
 android:background="#3C1723"  
 android:layout\_width="0dp"  
 android:text="D  
"  
 android:gravity="center"  
 android:textSize="30sp"  
 android:layout\_height="match\_parent"**/>  
  
  
 </**LinearLayout**>