, **null**);

canvas.drawBitmap(pic, picx, picY, paint);

}

**else if**(**option** ==3){

Paint paint = **new** Paint();

**float**[] array = {

**color**, 0, 0, 0, 0,

0, **color**, 0, 0, 0,

0, 0, **color**, 0, 0,

0, 0, 0, 1, 0

};

ColorMatrix cm = **new** ColorMatrix(array);

cm.setSaturation(0);

paint.setColorFilter(**new** ColorMatrixColorFilter(cm));

**this**.setLayerType(View.***LAYER\_TYPE\_SOFTWARE***, **null**);

canvas.drawBitmap(pic, picx, picY, paint);

}

**else** {

canvas.drawBitmap(pic, picx, picY, **null**);

pic.recycle();

}

}

}

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

<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"**

**xmlns:tools="http://schemas.android.com/tools"**

**android:orientation="vertical"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingBottom="@dimen/activity\_vertical\_margin"**

**android:paddingLeft="@dimen/activity\_horizontal\_margin"**

**android:paddingRight="@dimen/activity\_horizontal\_margin"**

**android:paddingTop="@dimen/activity\_vertical\_margin"**

**tools:context="com.example.ansan.myapplication.MainActivity"**

**android:weightSum="1"**>

<**LinearLayout**

**android:orientation="horizontal"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="10dp"**

**android:weightSum="1"**>

<**Button**

**android:onClick="onClick"**

**android:layout\_width="50dp"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/button"**

**android:background="@android:drawable/btn\_plus"**

**android:layout\_weight="0.1"** />

<**Button**

**android:onClick="onClick"**

**android:layout\_width="50dp"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/button2"**

**android:layout\_weight="0.1"**

**android:background="@android:drawable/btn\_minus"** />

<**Button**

**android:onClick="onClick"**

**android:layout\_width="50dp"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/button3"**

**android:layout\_weight="0.1"**

**android:background="@android:drawable/ic\_menu\_rotate"** />

<**Button**

**android:onClick="onClick"**

**android:layout\_width="50dp"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/button4"**

**android:layout\_weight="0.1"**

**android:background="@android:drawable/btn\_star\_big\_on"** />

<**Button**

**android:onClick="onClick"**

**android:layout\_width="50dp"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/button5"**

**android:layout\_weight="0.1"**

**android:background="@android:drawable/btn\_star"** />

<**Button**

**android:onClick="onClick"**

**android:layout\_width="50dp"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/button6"**

**android:layout\_weight="0.1"**

**android:background="@android:drawable/dialog\_frame"** />

</**LinearLayout**>

<**LinearLayout**

**android:id="@+id/l1"**

**android:orientation="vertical"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:layout\_weight="1"**

**android:background="#f9ee1f"**>

</**LinearLayout**>

</**LinearLayout**>





