**Imageswitcher**

Pramod S Hiremath

1NT19IS411

**Activity\_main.xml:**

<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.ConstraintLayout 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">  
  
  
 <RelativeLayout  
 android:layout\_width="409dp"  
 android:layout\_height="729dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="1.0"  
 tools:layout\_editor\_absoluteX="1dp">  
  
 <ImageView  
 android:id="@+id/img1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="350dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginTop="130dp"  
 android:layout\_marginBottom="250dp"  
 app:srcCompat="@drawable/dollar" />  
  
 <Button  
 android:id="@+id/b1"  
 android:layout\_width="113dp"  
 android:layout\_height="66dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginStart="34dp"  
 android:layout\_marginTop="510dp"  
 android:layout\_marginEnd="262dp"  
 android:layout\_marginBottom="153dp"  
 android:background="#ED5050"  
 android:text="PREV"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <Button  
 android:id="@+id/b2"  
 android:layout\_width="121dp"  
 android:layout\_height="63dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginStart="239dp"  
 android:layout\_marginTop="510dp"  
 android:layout\_marginEnd="49dp"  
 android:layout\_marginBottom="156dp"  
 android:background="#F14040"  
 android:text="NEXT"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 </RelativeLayout>  
</android.support.constraint.ConstraintLayout>

**Mainactivity.java:**

package com.example.imageswitcher017;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.ImageView;  
  
public class MainActivity extends AppCompatActivity {  
  
 Button bu1,bu2;  
 ImageView iv;  
 boolean flag;  
 int i=0;  
 int images[]={R.drawable.*dollar*,R.drawable.*output1*,R.drawable.*output2*};  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 iv=(ImageView) findViewById(R.id.*img1*);  
 bu1=(Button)findViewById(R.id.*b1*);  
 bu2=(Button)findViewById(R.id.*b2*);  
 flag=true;  
 bu1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 iv.setImageResource(images[i]);  
 i++;  
 if(i==3)  
 i=0;  
 }  
 });  
 bu2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 iv.setImageResource(images[i]);  
 i--;  
 if(i==-1)  
 i=2;  
 }  
 });  
 }  
}

Output:



