XML CODE

<ImageSwitcher  
    android:id="@+id/simpleImageSwitcher"  
    android:layout\_width="411dp"  
    android:layout\_height="356dp"  
    android:layout\_gravity="center\_horizontal"  
    app:layout\_constraintBottom\_toBottomOf="parent"  
    app:layout\_constraintEnd\_toEndOf="parent"  
    app:layout\_constraintHorizontal\_bias="0.0"  
    app:layout\_constraintStart\_toStartOf="parent"  
    app:layout\_constraintTop\_toTopOf="parent"  
    app:layout\_constraintVertical\_bias="0.093" />  
  
<Button  
    android:id="@+id/buttonImageSwitch"  
    android:layout\_width="116dp"  
    android:layout\_height="65dp"  
    android:text="Next"  
    app:layout\_constraintBottom\_toBottomOf="parent"  
    app:layout\_constraintEnd\_toEndOf="parent"  
    app:layout\_constraintHorizontal\_bias="0.793"  
    app:layout\_constraintStart\_toStartOf="parent"  
    app:layout\_constraintTop\_toTopOf="parent"  
    app:layout\_constraintVertical\_bias="0.783" />

JAVA CODE

public class ImageSwitcherApp extends AppCompatActivity {  
  
    private ImageSwitcher simpleImageSwitcher;  
    Button btnNext;  
  
  
    int imageIds[] = {R.drawable.*image1*, R.drawable.*image2*, R.drawable.*image3*, R.drawable.*image5*};  
    int count = imageIds.length;  
    static int *currentIndex* = -1;  
  
    @Override  
    protected void onCreate(Bundle savedInstanceState)  
    {  
  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.*activity\_image\_switcher\_app*);  
        btnNext = (Button) findViewById(R.id.*buttonImageSwitch*);  
     
        simpleImageSwitcher = findViewById(R.id.*simpleImageSwitcher*);  
        *// Set the ViewFactory of the ImageSwitcher that will create ImageView object when asked* simpleImageSwitcher.setFactory(new ViewSwitcher.ViewFactory() {  
  
            public View makeView() {  
                *// TODO Auto-generated method stub  
  
                // Create a new ImageView and set it's properties* ImageView imageView = new ImageView(getApplicationContext());  
                *// set Scale type of ImageView to Fit Center* imageView.setScaleType(ImageView.ScaleType.*FIT\_CENTER*);  
                *// set the Height And Width of ImageView To FIll PARENT* imageView.setLayoutParams(new ImageSwitcher.LayoutParams(LinearLayout.LayoutParams.*FILL\_PARENT*, LinearLayout.LayoutParams.*FILL\_PARENT*));  
                return imageView;  
            }  
        });  
  
        *// Declare in and out animations and load them using AnimationUtils class* Animation in = AnimationUtils.*loadAnimation*(this, android.R.anim.*slide\_in\_left*);  
        Animation out = AnimationUtils.*loadAnimation*(this, android.R.anim.*slide\_out\_right*);  
  
        *// set the animation type to ImageSwitcher* simpleImageSwitcher.setInAnimation(in);  
        simpleImageSwitcher.setOutAnimation(out);  
  
  
        *// ClickListener for NEXT button  
        // When clicked on Button ImageSwitcher will switch between Images  
        // The current Image will go OUT and next Image  will come in with specified animation* btnNext.setOnClickListener(new View.OnClickListener() {  
  
            public void onClick(View v) {  
                *// TODO Auto-generated method stub  
                currentIndex*++;  
                *//  Check If index reaches maximum then reset it* if (*currentIndex* == count)  
                    *currentIndex* = 0;  
                simpleImageSwitcher.setImageResource(imageIds[*currentIndex*]); *// set the image in ImageSwitcher* }  
        });  
  
         
  
  
    }  
}