**Xml file:**

**<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center">  
  
 <!-- Animated TextView -->  
 <TextView  
 android:id="@+id/animatedText"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello, Animation!"  
 android:textSize="24sp"  
 android:textColor="@android:color/black" />  
</RelativeLayout>**

**Main Activity.java**

**package com.example.practice1;  
  
import android.os.Bundle;  
import android.view.animation.TranslateAnimation;  
import androidx.appcompat.app.AppCompatActivity;  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity {  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 TextView animatedText = findViewById(R.id.*animatedText*);  
 TranslateAnimation animation = new TranslateAnimation(0, 500, 0, 0);  
 animation.setDuration(2000);  
 animation.setRepeatCount(TranslateAnimation.*INFINITE*);  
 animation.setRepeatMode(TranslateAnimation.*REVERSE*);  
 animatedText.startAnimation(animation);  
 }  
}**