*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout 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"  
 android:orientation="vertical"  
 android:padding="16dp"  
 tools:context=".MainActivity">  
  
 <ImageView  
 android:id="@+id/movieImageView"  
 android:layout\_width="150dp"  
 android:layout\_height="200dp"  
 android:layout\_gravity="center"  
 />  
  
 <RatingBar  
 android:id="@+id/movieRatingBar"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:numStars="6"  
 android:stepSize="0.5" />  
  
</LinearLayout>

5

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package com.example.movieratingapp;  
  
import android.os.Bundle;  
import android.widget.ImageView;  
import android.widget.RatingBar;  
import android.widget.Toast;  
import androidx.annotation.DrawableRes;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 private ImageView movieImageView;  
 private RatingBar movieRatingBar;  
  
 @DrawableRes  
 private int[] moviePosters = {  
 R.drawable.*jj*, R.drawable.*jj1*, R.drawable.*another\_movie*, R.drawable.*yet\_another\_movie* };  
  
 private int currentMovieIndex = 0;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 movieImageView = findViewById(R.id.*movieImageView*);  
 movieRatingBar = findViewById(R.id.*movieRatingBar*);  
  
 updateMoviePoster(currentMovieIndex);  
  
 movieRatingBar.setOnRatingBarChangeListener((ratingBar, rating, fromUser) -> {  
 if (fromUser) {  
 currentMovieIndex = (currentMovieIndex + 1) % moviePosters.length;  
 updateMoviePoster(currentMovieIndex);  
 String ratingMessage = "You rated this movie " + rating + " stars!";  
 Toast.*makeText*(this, ratingMessage, Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
  
 private void updateMoviePoster(int index) {  
 movieImageView.setImageResource(moviePosters[index]);  
 movieRatingBar.setRating(0);  
 }  
}