Project Name: NotificationExample

XML Code

*<?*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"  
 tools:context=".MainActivity">  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Title: "  
 android:id="@+id/edtTitle"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Text..."  
 android:id="@+id/edtText"/>  
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Education Notification"  
 android:layout\_marginTop="50dp"  
 android:id="@+id/btnEducation"/>  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Entertainment Notification"  
 android:layout\_marginTop="50dp"  
 android:id="@+id/btnEntertainment"/>  
  
  
  
</LinearLayout>

JAVA Code

package com.example.notificationexample;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.NotificationCompat;  
import androidx.core.app.NotificationManagerCompat;  
  
import android.app.Notification;  
import android.app.NotificationChannel;  
import android.app.NotificationManager;  
import android.app.PendingIntent;  
import android.content.Intent;  
import android.os.Build;  
import android.os.Bundle;  
  
import android.support.v4.app.INotificationSideChannel;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
  
 Button btnEducation, btnEntertainment;  
 EditText edtTitle, edtText;  
 private static final int *REQ\_CODE*=100;  
 int educount=0;  
 private NotificationManagerCompat managerCompat;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 btnEducation=findViewById(R.id.*btnEducation*);  
 btnEntertainment=findViewById(R.id.*btnEntertainment*);  
 edtTitle=findViewById(R.id.*edtTitle*);  
 edtText=findViewById(R.id.*edtText*);  
  
 managerCompat = NotificationManagerCompat.*from*(MainActivity.this);  
  
 if (Build.VERSION.*SDK\_INT*>=Build.VERSION\_CODES.*O*) {  
 NotificationChannel educhannel=new NotificationChannel("Education", "Education", NotificationManager.*IMPORTANCE\_HIGH*);  
 educhannel.setDescription("This is for sharing notifications related to Education...");  
  
 NotificationChannel enterchannel=new NotificationChannel("Entertainment", "Entertainment", NotificationManager.*IMPORTANCE\_LOW*);  
 enterchannel.setDescription("This is for sharing notifications related to Entertainment...");  
  
 NotificationManager nm=getSystemService(NotificationManager.class);  
  
 nm.createNotificationChannel(educhannel);  
 nm.createNotificationChannel(enterchannel);  
  
 }  
 *//NotificationChannel eduation = new NotificationChannel("Education", "Education", NotificationManager.IMPORTANCE\_HIGH);* Intent inotify = new Intent(getApplicationContext(), MainActivity.class);  
 inotify.addFlags(Intent.*FLAG\_ACTIVITY\_CLEAR\_TOP*);  
 PendingIntent pintent= PendingIntent.*getActivity*(MainActivity.this, *REQ\_CODE*, inotify,PendingIntent.*FLAG\_UPDATE\_CURRENT*);  
  
 btnEducation.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 NotificationCompat.Builder builder= new NotificationCompat.Builder(MainActivity.this,"Education");  
 builder.setContentTitle(edtTitle.getText());  
 builder.setContentText(edtText.getText());  
 builder.setSmallIcon(R.drawable.*ic\_baseline\_cast\_for\_education\_24*);  
 builder.setPriority(NotificationCompat.*PRIORITY\_HIGH*);  
 builder.setContentIntent(pintent);  
 builder.setAutoCancel(true);  
 *//NotificationManagerCompat managerCompat = NotificationManagerCompat.from(MainActivity.this);* educount=educount+1;  
 managerCompat.notify(educount,builder.build());  
  
 }  
 });  
  
 btnEntertainment.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 NotificationCompat.Builder entertainmentbuilder= new NotificationCompat.Builder(MainActivity.this,"Entertainment")  
 .setContentTitle(edtTitle.getText().toString())  
 .setContentText(edtText.getText().toString())  
 .setSmallIcon(R.drawable.*ic\_baseline\_emoji\_food\_beverage\_24*)  
 .setPriority(NotificationCompat.*PRIORITY\_LOW*)  
 .setCategory(NotificationCompat.*CATEGORY\_MESSAGE*);  
 *//.build();  
 // .setContentIntent(pintent);  
 //builder.setAutoCancel(true);  
 //NotificationManagerCompat managerCompat = NotificationManagerCompat.from(MainActivity.this);* managerCompat.notify(1,entertainmentbuilder.build());  
  
 }  
 });  
  
  
  
  
  
  
 }  
}