

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 education = 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);
        //builder.build();
        //builder.setContentIntent(pintent);
        //builder.setAutoCancel(true);

```

```
        //NotificationManagerCompat managerCompat
        = NotificationManagerCompat.from(MainActivity.this);

        managerCompat.notify(1,entertainmentbuilder.build());

    }

    });

}

}
```