package com.example.a6a;  
  
import android.app.Notification;  
import android.app.NotificationChannel;  
import android.app.NotificationManager;  
import android.app.PendingIntent;  
import android.app.TaskStackBuilder;  
import android.content.Context;  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.Button;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.NotificationCompat;  
  
@SuppressWarnings("ALL")  
public class MainActivity extends AppCompatActivity {  
 Button but;  
 Context context=MainActivity.this;  
 String CHANNEL\_ID="my\_channel\_01";  
 CharSequence name = "my\_channel";  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 but= findViewById(R.id.buttonNotify);  
 NotificationManager notificationManager = (NotificationManager) context.getSystemService(Context.NOTIFICATION\_SERVICE);  
  
 but.setOnClickListener(v -> {  
 NotificationChannel mChannel = new NotificationChannel(CHANNEL\_ID, name, NotificationManager.IMPORTANCE\_HIGH);  
 notificationManager.createNotificationChannel(mChannel);  
  
 Intent notificationIntent = new Intent(context, MainActivity.class);  
  
 TaskStackBuilder stackBuilder = TaskStackBuilder.create(context);  
 stackBuilder.addParentStack(MainActivity.class);  
 stackBuilder.addNextIntent(notificationIntent);  
  
 PendingIntent pendingIntent = stackBuilder.getPendingIntent(0, PendingIntent.FLAG\_IMMUTABLE);  
  
 NotificationCompat.Builder builder = new NotificationCompat.Builder(context,CHANNEL\_ID);  
  
 Notification notification = builder.setContentTitle("Notification Title")  
 .setContentText("Notification Text")  
 .setTicker("Test!")  
 .setSmallIcon(R.drawable.ic\_notification)  
 .setAutoCancel(true)  
 .setContentIntent(pendingIntent).build();  
  
 notificationManager.notify(0, notification);  
 });  
 }  
}