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package com.example.ex5;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.NotificationCompat;
import androidx.core.app.NotificationManagerCompat;

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.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    private static final String CHANNEL_ID="My NotificationChannel";
    Button b;
    EditText e;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        b= findViewById(R.id.button);
        e= findViewById(R.id.editTextText2);
        createNotificationChannel();
        b.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i= new Intent(MainActivity.this,MainActivity2.class);
                PendingIntent
pendingIntent=PendingIntent.getActivity(MainActivity.this,0,i,PendingIntent
.FLAG_IMMUTABLE);
                NotificationCompat.Builder builder=new
NotificationCompat.Builder(MainActivity.this,CHANNEL_ID)
                    .setContentTitle("New Notification")
                    .setContentText(e.getText().toString())
                    .setSmallIcon(R.mipmap.ic_launcher)
                    .setContentIntent(pendingIntent)
                    .setPriority(NotificationCompat.PRIORITY_DEFAULT);
                NotificationManagerCompat
notificationManager=NotificationManagerCompat.from(MainActivity.this);
                notificationManager.notify(0,builder.build());
                Toast.makeText(MainActivity.this,"Notification
added",Toast.LENGTH_SHORT).show();
            }
        });
    }

    private void createNotificationChannel() {
        if (Build.VERSION.SDK_INT>=Build.VERSION_CODES.O) {
            CharSequence name="My Notification Channel";
            String description="Description of notification channel";
            int importance= NotificationManager.IMPORTANCE_DEFAULT;
            NotificationChannel channel=new
NotificationChannel(CHANNEL_ID,name,importance);
            channel.setDescription(description);

            NotificationManager

```

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notificationManager=getSystemService(NotificationManager.class);  
    notificationManager.createNotificationChannel(channel);  
}  
}  
}
```

