

Main Activity Java:

```
package com.example.notificationpop;

import androidx.annotation.RequiresApi;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.NotificationCompat;

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;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    @RequiresApi(api = Build.VERSION_CODES.O)
    public void notify(View view) {
        int notificationId = 100;
        String CHANNEL_ID = "my_ch";
        String CHANNEL_NAME = "my_Channel";
        int importance = NotificationManager.IMPORTANCE_HIGH;
        NotificationChannel notificationChannel = new
NotificationChannel(CHANNEL_ID, CHANNEL_NAME, importance);
        NotificationManager notificationManager = (NotificationManager)
getSystemService(NOTIFICATION_SERVICE);
        notificationManager.createNotificationChannel(notificationChannel);
        Intent intent = new Intent(this, SecondActivity.class);
        PendingIntent pendingIntent = PendingIntent.getActivity(this, 0, intent,
0);

        NotificationCompat.Builder builder = new
NotificationCompat.Builder(this, CHANNEL_ID);
        builder.setSmallIcon(R.drawable.ic_launcher_background);
        builder.setContentIntent(pendingIntent);
        builder.setTitle("My Notification");
        builder.setText("this is my simple notification");
        notificationManager.notify(notificationId, builder.build());
    }
}
```

XML code:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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"
    tools:context=".MainActivity">

    <Button
        android:layout_width="233dp"
        android:layout_height="111dp"
        android:onClick="notify"
        android:text="Notify!"
        android:textSize="30sp"
        app:backgroundTint="#03A9F4"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.642" />

    <TextView android:id="@+id/textView"
        android:layout_width="359dp"
        android:layout_height="43dp"
        android:text="Press button to get notification"
        android:textSize="24sp" android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.492"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.061" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Second Activity:

```
package com.example.notificationpop;

import androidx.appcompat.app.AppCompatActivity;

import android.app.NotificationManager;
import android.content.Context;
import android.os.Bundle;

public class SecondActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second);
        NotificationManager notificationManager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
        notificationManager.cancel(100);
    }
}
```

XML Code:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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"
    tools:context=".SecondActivity">

</androidx.constraintlayout.widget.ConstraintLayout>
```

OUTPUT:

