Activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.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:id="@+id/btnShowNotification"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="8dp"  
  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="Show Notification"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.334"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.158" />  
  
 <Button  
 android:id="@+id/btnClearNotification"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="Clear Notification"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.338"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/btnShowNotification"  
 app:layout\_constraintVertical\_bias="0.481" />  
  
  
</android.support.constraint.ConstraintLayout>

MainActivity.java

**package** com.example.jevitha.a19\_notification;

**import** android.app.Notification;

**import** android.app.NotificationManager;

**import** android.app.PendingIntent;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity {

Button **btnShow**, **btnClear**;

NotificationManager **manager**;

Notification **myNotication**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**btnShow** = (Button) findViewById(R.id.***btnShowNotification***);

**btnClear** = (Button) findViewById(R.id.***btnClearNotification***);

**manager** = (NotificationManager) getSystemService(***NOTIFICATION\_SERVICE***);

**btnShow**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View arg0) {

*//API level 11*

Toast.*makeText*(getApplicationContext(),**"hello"**,Toast.***LENGTH\_SHORT***).show();

Intent intent = **new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(**"https://www.google.com/"**));

*//Intent intent = new Intent();*

*//PendingIntent.FLAG\_UPDATE\_CURRENT - Flag indicating that if the described PendingIntent already exists,*

*// then keep it but replace its extra data with what is in this new Intent.*

PendingIntent pendingIntent = PendingIntent.*getActivity*(MainActivity.**this**, 1,

intent, PendingIntent.***FLAG\_UPDATE\_CURRENT***);

Notification.Builder builder = **new** Notification.Builder(MainActivity.**this**);

builder.setAutoCancel(**true**);

builder.setTicker(**"this is ticker text"**);

builder.setContentTitle(**"App Notification"**);

builder.setContentText(**"You have a new message"**);

builder.setSmallIcon(R.drawable.***notif\_icon***);

builder.setContentIntent(pendingIntent);

builder.setOngoing(**true**);

builder.setSubText(**"This is subtext..."**); *//API level 16*

builder.setNumber(100);

**myNotication**= builder.build();

*// myNotication = builder.getNotification();*

*// myNotication.flags = Notification.FLAG\_AUTO\_CANCEL;*

**manager**.notify(11,**myNotication**);

}

});

**btnClear**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View arg0) {

**manager**.cancel(11);

}

});

}

}