FINAL CODE

```
package com.example.geofence;

import android.content.BroadcastReceiver; import android.content.Context;
import android.content.Intent;
import android.location.Location;
import android.os.CountDownTimer;
import android.util.Log;
import android.widget.Toast;
import com.google.android.gms.location.Geofence;
import com.google.android.gms.location.GeofencingEvent;
import java.util.List; import android.os.Handler;

public class GeofenceBroadcastReceiver extends BroadcastReceiver
{

    private static final String TAG = "GeofenceBroadcastReceiv";

    @Override
    public void onReceive(Context context, Intent intent)
{
// TODO: This method is called when the BroadcastReceiver is receiving
        // an Intent broadcast //.
     /*Toast.makeText(context, "GEOFENCE_ENTERED", Toast.LENGTH_SHORT).show();

        final Toast mToastToShow;
        int toastDurationInMilliSeconds = 1200000;
        mToastToShow = Toast.makeText(context, "GEOFENCE_EXITED", Toast.LENGTH_LONG);
```

```
// Set the countdown to display the toast CountDownTimer toastCountDown;
        toastCountDown = new CountDownTimer(toastDurationInMilliSeconds, 100000)
{
            public void onTick(long millisUntilFinished)
    {
            mToastToShow.show();
            }
             public void onFinish()
{            mToastToShow.cancel();
            }
        };

    // Show the toast and starts the countdown mToastToShow.show();
toastCountDown.start();*/
NotificationHelper notificationHelper = new
NotificationHelper(context);

notificationHelper.sendHighPriorityNotification("GEOFENCE_TRANSITION_ENTE R", "", MapsActivity.class);

     GeofencingEvent geofencingEvent = GeofencingEvent.fromIntent(intent);

       if (geofencingEvent.hasError()) {
            Log.d(TAG, "onReceive: Error receiving geofence event...");
 return;
        }

        List<Geofence> geofenceList=geofencingEvent.getTriggeringGeofences();
for (Geofence geofence: geofenceList)
{
            Log.d(TAG, "onReceive: " + geofence.getRequestId());
        }
//        Location location = geofencingEvent.getTriggeringLocation();
int transitionType = geofencingEvent.getGeofenceTransition();
```

```
        switch (transitionType)
{
case Geofence.GEOFENCE_TRANSITION_ENTER:

              notificationHelper.sendHighPriorityNotification("Entered the Location", "", MapsActivity.class);
break;
            case Geofence.GEOFENCE_TRANSITION_EXIT:

              notificationHelper.sendHighPriorityNotification("Exited the Location ", "", MapsActivity.class);
 break;
       }

   }
  }
```