**It wakes CPU every 10 minutes until the phone turns off.**

Add to Manifest.xml:

<uses-permission android:name="android.permission.WAKE\_LOCK"></uses-permission>

...

<receiver android:process=":remote" android:name=".Alarm"></receiver>

package yourPackage;

import android.app.AlarmManager;

import android.app.PendingIntent;

import android.content.BroadcastReceiver;

import android.content.Context;

import android.content.Intent;

import android.os.PowerManager;

import android.widget.Toast;

public class Alarm extends BroadcastReceiver

{

@Override

public void onReceive(Context context, Intent intent)

{

PowerManager pm = (PowerManager) context.getSystemService(Context.POWER\_SERVICE);

PowerManager.WakeLock wl = pm.newWakeLock(PowerManager.PARTIAL\_WAKE\_LOCK, "");

wl.acquire();

// Put here YOUR code.

Toast.makeText(context, "Alarm !!!!!!!!!!", Toast.LENGTH\_LONG).show(); // For example

wl.release();

}

public void setAlarm(Context context)

{

AlarmManager am =( AlarmManager)context.getSystemService(Context.ALARM\_SERVICE);

Intent i = new Intent(context, Alarm.class);

PendingIntent pi = PendingIntent.getBroadcast(context, 0, i, 0);

am.setRepeating(AlarmManager.RTC\_WAKEUP, System.currentTimeMillis(), 1000 \* 60 \* 10, pi); // Millisec \* Second \* Minute

}

public void cancelAlarm(Context context)

{

Intent intent = new Intent(context, Alarm.class);

PendingIntent sender = PendingIntent.getBroadcast(context, 0, intent, 0);

AlarmManager alarmManager = (AlarmManager) context.getSystemService(Context.ALARM\_SERVICE);

alarmManager.cancel(sender);

}

}

**Set Alarm from Service:**

package yourPackage;

import android.app.Service;

import android.content.Context;

import android.content.Intent;

import android.os.IBinder;

public class YourService extends Service

{

Alarm alarm = new Alarm();

public void onCreate()

{

super.onCreate();

}

@Override

public int onStartCommand(Intent intent, int flags, int startId)

{

alarm.setAlarm(this);

return START\_STICKY;

}

@Override

public void onStart(Intent intent, int startId)

{

alarm.setAlarm(this);

}

@Override

public IBinder onBind(Intent intent)

{

return null;

}

}

**If you want set alarm repeating at phone boot time:**

Add permission and the service to Manifest.xml:

<uses-permission android:name="android.permission.RECEIVE\_BOOT\_COMPLETED"></uses-permission>

...

<receiver android:name=".AutoStart">

<intent-filter>

<action android:name="android.intent.action.BOOT\_COMPLETED"></action>

</intent-filter>

</receiver>

...

<service

android:name=".YourService"

android:enabled="true"

android:process=":your\_service" >

</service>

And create new class:

package yourPackage;

import android.content.BroadcastReceiver;

import android.content.Context;

import android.content.Intent;

public class AutoStart extends BroadcastReceiver

{

Alarm alarm = new Alarm();

@Override

public void onReceive(Context context, Intent intent)

{

if (intent.getAction().equals(Intent.ACTION\_BOOT\_COMPLETED))

{

alarm.setAlarm(context);

}

}

}