Alaram Activity

Demonstration:

Step 1 : Create Alarm activity which having Edit Text to take time in second and button to set alarm.

**public class** AlarmActivity **extends** AppCompatActivity {

Button **start**;

@Override

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

**super**.onCreate(savedInstanceState);

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

**start** = findViewById(R.id.***button***);

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

@Override

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

startAlert();

}

});

}

**public void** startAlert() {

EditText text = findViewById(R.id.***time***);

**int** i = Integer.*parseInt*(text.getText().toString());

Intent intent = **new** Intent(**this**, MyAlarmBroadCastReceiver.**class**);

PendingIntent pendingIntent = PendingIntent.*getBroadcast*(**this**.getApplicationContext(), 234324243, intent, 0);

AlarmManager alarmManager = (AlarmManager)getSystemService(***ALARM\_SERVICE***);

alarmManager.set(AlarmManager.***RTC\_WAKEUP***, System.*currentTimeMillis*() + (i \* 1000), pendingIntent);

Toast.*makeText*(**this**, **"Alarm set in "** + i + **" seconds"**, Toast.***LENGTH\_LONG***).show();

}

}

BroadCastRecevier

**public class** MyAlarmBroadCastReceiver **extends** BroadcastReceiver {

MediaPlayer **mp**;

@Override

**public void** onReceive(Context context, Intent intent) {

**mp**=MediaPlayer.*create*(context, R.raw.***myaudio***);

**mp**.start();

Toast.*makeText*(context, **"Alarm Ringing...."**, Toast.***LENGTH\_LONG***).show();

}

}

Register the above BroadcastReceiver in the manifest file inside the application tag.

<receiver android:name=". MyAlarmBroadCastReceiver"/>