**MainActivity.java**

**package** com.example.myapplicationsan;  
  
**import** android.app.AlarmManager;  
**import** android.app.PendingIntent;  
**import** android.content.Intent;  
**import** android.content.IntentFilter;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 Button button;  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 MyBroadcastReceiver broadcast = **new** MyBroadcastReceiver();  
 registerReceiver(broadcast, **new** IntentFilter((**"ACTION\_AIRPLANE\_MODE\_CHANGED"**)));  
 button = (Button)findViewById(R.id.***button***);  
 button.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 startAlert();  
 }  
 });  
 }  
 **public void** startAlert()  
 {  
 TextView tvInput;  
 EditText editText;  
 tvInput = (TextView)findViewById(R.id.***tvInput***);  
 editText = (EditText)findViewById(R.id.***editText***);  
 **int** i = Integer.*parseInt*(editText.getText().toString());  
 Intent intent = **new** Intent(**this**, MyBroadcastReceiver.**class**);  
 PendingIntent pendingIntent = PendingIntent.*getBroadcast*(**this**.getApplicationContext(),0,intent,0);  
 AlarmManager alarmManager = (AlarmManager)getSystemService(***ALARM\_SERVICE***);  
 alarmManager.set(AlarmManager.***RTC\_WAKEUP***, System.*currentTimeMillis*()+(i\*1000),pendingIntent);  
 }  
  
}

**activity\_main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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"**>  
  
 <**TextView  
 android:id="@+id/tvInput"  
 android:layout\_width="146dp"  
 android:layout\_height="47dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="265dp"  
 android:layout\_marginBottom="494dp"  
 android:text="Enter no."** />  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="179dp"  
 android:layout\_marginBottom="389dp"  
 android:text="Start"  
 tools:layout\_editor\_absoluteX="161dp"  
 tools:layout\_editor\_absoluteY="522dp"** />  
  
 <**EditText  
 android:id="@+id/editText"  
 android:layout\_width="201dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="36dp"  
 android:layout\_marginBottom="480dp"  
 android:inputType="number"** />  
  
</**RelativeLayout**>

**BroadcastReceiver.java**

**package** com.example.myapplicationsan;  
  
**import** android.content.BroadcastReceiver;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.widget.Toast;  
  
**public class** MyBroadcastReceiver **extends** BroadcastReceiver {  
 **public void** onReceive(Context context, Intent intent){  
 **if**(intent.getAction() == Intent.***ACTION\_AIRPLANE\_MODE\_CHANGED***)  
 {  
 Toast.*makeText*(context, **"Airplane mode changed"**, Toast.***LENGTH\_LONG***).show();  
 }  
 **else** {  
 Toast.*makeText*(context, **"Alarm fired"**, Toast.***LENGTH\_LONG***).show();  
 }  
 }  
  
}

**AndroidManifest.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.myapplicationsan"**>  
  
  
  
  
 <**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme"**>  
 <**activity android:name=".MainActivity"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
 <**receiver android:name = "MyBroadcastReceiver"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.AIRPLANE\_MODE"** />  
 </**intent-filter**>  
  
 </**receiver**>  
  
 </**application**>  
  
</**manifest**>