This program is an example of an alarmclock.



using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Text;

using System.Windows.Forms;

using System.Media;

namespace fall2015win04

{

 public partial class Form1 : Form

 {

 static public DateTime actime, altime;

 bool alarm = false;

 public Form1()

 {

 InitializeComponent();

 timer1.Enabled = true;

 }

 private void button1\_Click(object sender, EventArgs e)

 {

 //start

 alarm = true;

 altime = new DateTime(2015,9,10,0,0,0);

 string[] ti = textBox2.Text.Split(':');

 altime = altime.AddHours(Convert.ToInt32(ti[0]));

 altime = altime.AddMinutes(Convert.ToInt32(ti[1]));

 }

 private void timer1\_Tick(object sender, EventArgs e)

 {

 actime = DateTime.Now;

 textBox1.Text = actime.ToLongTimeString();

 if (alarm == true)

 {

 if (altime.Hour == actime.Hour)

 if (altime.Minute == actime.Minute)

 {

 //SystemSounds.Beep.Play();

 SoundPlayer player = new SoundPlayer();

 player.SoundLocation = "tada.wav";

 player.Play();

 }

 }

 }

 private void button2\_Click(object sender, EventArgs e)

 {

 //stop

 alarm = false;

 }

 }

}