

```

#include <TimerOne.h>
const int ResetPin = 2, MutePin = 3, SecurityPin = 4;
volatile bool FindEnable = false;
bool Reboot = true;

void setup()
{
    pinMode(ResetPin, OUTPUT);
    pinMode(MutePin, OUTPUT);
    pinMode(SecurityPin, INPUT);

    Serial.begin(9600);
    Serial.setTimeout(1000);
    Timer1.initialize(10000000);
    Timer1.attachInterrupt(Check);
    digitalWrite(MutePin, HIGH);
}

void Check()
{
    FindEnable = true;
}

void loop()
{
    if (FindEnable && !Reboot)
    {
        Serial.write("Hello\n");
        FindEnable = false;
        if (Serial.find("Imthere"))
        {
            digitalWrite(ResetPin, LOW);
        }
        else
        {
            Reboot = true;
            digitalWrite(ResetPin, HIGH);
            delay(1000);
            digitalWrite(ResetPin, LOW);
        }
    }
}

```

```

else if (Reboot)
{
    if (Serial.find("Rebooted"))
    {
        Reboot = false;
        FindEnable = false;
    }
}
//-----
if (Serial.available())
{
    if (Serial.find("Imclosing"))
        Reboot = true;
    if (Serial.find("Enable"))
        digitalWrite(MutePin, HIGH);
    if (Serial.find("Disable"))
        digitalWrite(MutePin, LOW);
}
//-----
if (digitalRead(SecurityPin))
    Serial.write("Securitybreached");
}

```