

15:37:41.091 -> ----> now sleep for 1 Hours with 8 Sec Intervalls
15:39:25.070 -> Anzahl erkannte Temperatursensoren : 4
15:39:26.054 -> Temp Rot : 10.8 Temp Blau : 18.3 Temp Gelb : 10.1 Temp Aussen : 8.1
15:39:28.714 -> Sound Rot : 6 Sound Blau : 8 Sound Gelb : 3
15:39:39.154 -> Meas Rot : 8724950 Meas Blau : 9813117 Meas Gelb : 9155591
15:39:39.154 -> Gew. Rot : -0.139 Gew. Blau : 0.016 Gew. Gelb : 0.274
15:39:49.563 -> Meas Rot : 8725429 Meas Blau : 9810275 Meas Gelb : 9153011
15:39:49.563 -> Gew. Rot : -0.119 Gew. Blau : -0.093 Gew. Gelb : 0.167
15:39:49.563 -> Turn ON SIM7000

15:39:49.563 -> Switch SIM7000 Power ON and Wait 5 Sec

15:39:54.625 -> SIM7000 PWRKEY to HIGH and wait 2 sec

15:39:54.625 -> SIM7000 PWRKEY to LOW and wait 2 sec

15:39:58.799 -> -- CMD to SIM7000 = AT
15:40:01.846 -> -- Answer SIM7000 =
15:40:02.034 -> -- CMD to SIM7000 = AT
15:40:05.034 -> -- Answer SIM7000 = AT OK
15:40:05.034 -> OK : Turn ON !
15:40:05.034 -> Set baud rate.....
15:40:05.034 -> -- CMD to SIM7000 = AT+IPR=19200
15:40:07.049 -> -- Answer SIM7000 = AT+IPR=19200 OK
15:40:07.049 -> Set baud rate:19200 OK
15:40:07.049 -> Check SIM card.....
15:40:07.049 -> -- CMD to SIM7000 = AT
15:40:09.051 -> -- Answer SIM7000 = AT OK
15:40:09.051 -> -- CMD to SIM7000 = AT+CPIN?
15:40:11.067 -> -- Answer SIM7000 = AT+CPIN? +CPIN: READY OK
15:40:11.114 -> -- CMD to SIM7000 = AT+CPSMS=0
15:40:13.082 -> -- Answer SIM7000 = AT+CPSMS=0 OK
15:40:13.082 -> OK : SIM card READY
15:40:13.082 -> Getting SIM7000E GPS position.....
15:40:13.129 -> -- CMD to SIM7000 = AT+CGNSPWR=1
15:40:15.099 -> -- Answer SIM7000 = AT+CGNSPWR=1 OK
15:40:15.193 -> OK : Positioning function initialized
15:40:25.212 -> Getting position.....
15:40:25.212 -> -- CMD to SIM7000 = AT+CGNSINF
15:40:27.227 -> -- Answer SIM7000 = AT+CGNSINF +CGNSINF: 1,0,,,,,0,,,,,8,,,,,43,, OK
15:40:27.227 -> Failed : No or Wrong GPS Data ::
15:40:27.227 -> -- CMD to SIM7000 = AT+CGNSINF
15:40:29.243 -> -- Answer SIM7000 = AT+CGNSINF +CGNSINF: 1,0,,,,,0,,,,,8,,,,,43,, OK
15:40:29.243 -> Failed : No or Wrong GPS Data ::
15:40:29.243 -> -- CMD to SIM7000 = AT+CGNSINF
15:40:31.259 -> -- Answer SIM7000 = AT+CGNSINF +CGNSINF: 1,0,,,,,0,,,,,8,,,,,43,, OK
15:40:31.259 -> Failed : No or Wrong GPS Data ::
15:40:31.259 -> -- CMD to SIM7000 = AT+CGNSINF
15:40:33.274 -> -- Answer SIM7000 = AT+CGNSINF +CGNSINF: 1,0,,,,,0,,,,,21,,,,,43,, OK
15:40:33.274 -> Failed : No or Wrong GPS Data ::
15:40:33.321 -> -- CMD to SIM7000 = AT+CGNSINF
15:40:35.337 -> -- Answer SIM7000 = AT+CGNSINF +CGNSINF: 1,1,20210504134023.000,46.705395,9.499609,1590.700,0.00,182.4,1,,1.7,,,,,20,5,,,,,43,, OK
15:40:35.337 -> OK : Koordinaten = 46.705395,9.499609
15:40:35.337 -> -- CMD to SIM7000 = AT+CGNSPWR=0
15:40:37.352 -> -- Answer SIM7000 = AT+CGNSPWR=0 OK
15:40:37.399 -> OK : Positioning function PowerOff
15:40:37.399 -> Set net mode.....
15:40:37.399 -> -- CMD to SIM7000 = AT+CNMP=38
15:40:39.415 -> -- Answer SIM7000 = AT+CNMP=38 OK
15:40:39.696 -> -- CMD to SIM7000 = AT+CMNB=1
15:40:41.712 -> -- Answer SIM7000 = AT+CMNB=1 OK
15:40:41.712 -> OK : Set Net Mode (LTE only , CAT-M mode)
15:40:41.712 -> Get signal quality (0 - 30)

15:40:41.712 -> -- CMD to SIM7000 = AT+CSQ
15:40:41.759 -> -- Answer SIM7000 = AT+CSQ +CSQ: 18,99 OK
15:40:41.759 -> OK : signalStrength =18
15:40:41.852 -> Get Battery Power voltage

15:40:41.852 -> -- CMD to SIM7000 = AT+CBC
15:40:41.899 -> -- Answer SIM7000 = AT+CBC +CBC: 0,100,439
15:40:41.899 -> OK : Battery = 4390 mV Alarm On < 3500 mV
15:40:41.899 -> Momentan ist der Battery Alarm Aktiv (Alarm ist möglich)
15:40:41.993 -> Init http.....
15:40:41.993 -> -- CMD to SIM7000 = AT+SAPBR=3,1,"APN","gprs.swisscom.ch"
15:40:44.056 -> -- Answer SIM7000 = 7 OK AT+SAPBR=3,1,"APN","gprs.swisscom.ch" OK
15:40:44.056 -> -- CMD to SIM7000 = AT+SAPBR=1,1
15:40:46.071 -> -- Answer SIM7000 = AT+SAPBR=1,1 OK
15:40:46.071 -> -- CMD to SIM7000 = AT+SAPBR=2,1
15:40:48.087 -> -- Answer SIM7000 = AT+SAPBR=2,1 +SAPBR: 1,1,"10.3.yyyyyy.xxxxx" OK
15:40:48.087 -> OK : HTTP Init !
15:40:48.087 -> HTTP POST Init

15:40:48.087 -> -- CMD to SIM7000 = AT+HTTPTERM
15:40:48.087 -> -- CMD to SIM7000 = AT+HTTTPINIT

15:40:50.102 -> -- Answer SIM7000 = AT+HTTPTERM ERROR AT+HTTTPINIT OK
15:40:50.102 -> -- CMD to SIM7000 = AT+HTTTPARA="CID","1"
15:40:52.118 -> -- Answer SIM7000 = AT+HTTTPARA="CID","1" OK
15:40:52.118 -> -- CMD to SIM7000 = AT+HTTTPARA="URL","
15:40:52.165 -> -- CMD to SIM7000 = http:// www.xxxxxxxx.ch/yyyyyyyyyy/zzzzzzzzzz.php
15:40:52.165 -> -- CMD to SIM7000 = "
15:40:54.186 -> -- Answer SIM7000 = AT+HTTTPARA="URL","http:// www.xxxxxxxx.ch/yyyyyyyyyy/zzzzzzzzzz.php " OK
15:40:54.186 -> -- CMD to SIM7000 = AT+HTTTPARA="CONTENT","application/x-www-form-urlencoded"
15:40:56.259 -> -- Answer SIM7000 = AT+HTTTPARA="CONTENT","application/x-www-form-urlencoded" OK
15:40:56.259 -> OK : HTTP POST Init
15:40:56.259 -> ++ Free Ram = 724
15:40:56.259 -> HTTP POST Data = debug=No&wert=xxxxxxxxxxx,8.1,10.8,6,10.1,3,18.3,8,4390,-0.12,0.17,-0.09&gps=46.705395,9.499609
15:40:56.259 -> -- CMD to SIM7000 = AT+HTTTPDATA=91,10000
15:40:58.275 -> -- Answer SIM7000 = AT+HTTTPDATA=91,10000 DOWNLOAD
15:40:58.275 -> -- CMD to SIM7000 = debug=No&wert=xxxxxxxxxxx,8.1,10.8,6,10.1,3,18.3,8,4390,-0.12,0.17,-0.09&gps=46.705395,9.499609
15:41:00.337 -> -- Answer SIM7000 = OK
15:41:00.337 -> -- CMD to SIM7000 = AT+HTTTPACTION=1
15:41:02.353 -> -- Answer SIM7000 = AT+HTTTPACTION=1 OK +HTTTPACTION: 1,200,55
15:41:02.353 -> OK : HTTP POST succeeded
15:41:02.400 -> ++ Free Ram = 724
15:41:02.400 -> -- CMD to SIM7000 = AT+HTTTPREAD
15:41:02.400 -> -- Answer SIM7000 = AT+HTTTPREAD +HTTTPREAD: 55 OK;;SetTara;EnableBattAlarm;GPS_On;SMS:Testmessage;; OK
15:41:12.478 -> Verarbeite Box Commands = ;SetTara;EnableBattAlarm;GPS_On;SMS:Testmessage;; OK
15:41:12.478 -> ** Set Alarm enable done
15:41:12.478 -> ** Set GPS On
15:41:12.478 -> ** SetTara done
15:41:12.478 -> ** Send SMS = Testmessage
15:41:12.478 -> -- CMD to SIM7000 = AT+CMGF=1
15:41:14.493 -> -- Answer SIM7000 = AT+CMGF=1 OK
15:41:14.587 -> -- CMD to SIM7000 = AT+CMGS=""
15:41:14.587 -> -- CMD to SIM7000 = 079211xxxx
15:41:14.634 -> -- CMD to SIM7000 = "
15:41:16.603 -> -- Answer SIM7000 = AT+CMGS="079211xxxx" >
15:41:16.743 -> -- OK : Begin SMS Text = Testmessage
15:41:16.743 -> -- CMD to SIM7000 = Testmessage
15:41:16.743 -> -- CMD to SIM7000 =
15:41:18.745 -> -- Answer SIM7000 = +CMGS: 35 OK
15:41:18.745 -> -- OK : Send SMS
15:41:18.745 -> Disconnect SIM7000E HTTP
15:41:18.745 -> -- CMD to SIM7000 = AT+HTTPTERM
15:41:23.761 -> Close SIM7000E net work
15:41:23.761 -> -- CMD to SIM7000 = AT+CIPSHUT
15:41:25.777 -> -- Answer SIM7000 = AT+HTTPTERM OK AT+CIPSHUT SHUT OK
15:41:30.794 -> Turn off SIM7000E
15:41:30.794 -> -- CMD to SIM7000 = AT+CPOWD=1
15:41:32.810 -> -- Answer SIM7000 = AT+CPOWD=1 NORMAL POWER DOWN +SAPBR 1: DEACT
15:41:32.810 -> ++ Free Ram = 724
15:41:32.810 -> Begin Loop ..
15:41:32.810 -> SIM7000 Power OFF
15:41:32.810 ->
15:41:32.810 -> ----> now sleep for 1 Hours with 8 Sec Intervalls