



```
#include "SIM900.h"

#include <SoftwareSerial.h>

#include "sms.h"

MSGSM sms;

char number[]="09137841587"

char message[180];

char pos;

char *p;

int MAIN = 10;

int MEHDI = 13;

int HOSEIN = 12;

int FATHER = 11;

void setup(){

    pinMode (MAIN,OUTPUT);

    pinMode (MEHDI,OUTPUT);

    pinMode (HOSEIN,OUTPUT);

    pinMode (FATHER,OUTPUT);

    Serial.begin(9600);

    if (gsm.begin(2400))

        Serial.println("\nstatus=READY");

    else Serial.println("\nstatus=IDLE");

};

void loop(){

    pos=sms.IsSMSPresent(SMS_UNREAD);
```



```
Serial.println((int)pos);

if((int)pos>0&&(int)pos<=20){

  Serial.print("NUOVO MESSAGGIO, POS=");

  Serial.println((int)pos);

  message[0]='\0';

  sms.GetSMS((int)pos,number,message,180);

  p=strstr(message,"MAIN SYSTEM ON");

  if(p){

    Serial.println("MAIN SYSTEM ON");

    digitalWrite(MAIN,HIGH);

  }

  else{

    p=strstr(message,"MAIN SYSTEM RESET/OFF");

    if(p){

      Serial.println("MAIN SYSTEM RESET/OFF");

      digitalWrite(MAIN,LOW);

    }

  }

  p=strstr(message,"HOSEIN SYSTEM ON");

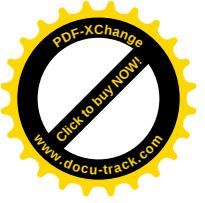
  if(p){

    Serial.println("HOSEIN SYSTEM ON");

    digitalWrite(HOSEIN,HIGH);

  }

  else{
```



```
p=strstr(message,"HOSEIN SYSTEM OFF");

if(p){

    Serial.println("HOSEIN SYSTEM OFF");

    digitalWrite(HOSEIN,LOW);

}

}

p=strstr(message,"MEHDI SYSTEM ON");

if(p){

    Serial.println("MEHDI SYSTEM ON");

    digitalWrite(MEHDI,HIGH);

}

else{

    p=strstr(message,"MEHDI SYSTEM OFF");

    if(p){

        Serial.println("MEHDI SYSTEM OFF");

        digitalWrite(MEHDI,LOW);

    }

}

p=strstr(message,"FATHER SYSTEM ON");

if(p){

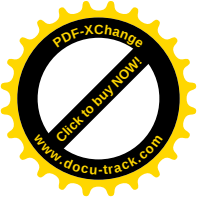
    Serial.println("FATHER SYSTEM ON");

    digitalWrite(FATHER,HIGH)

}

else{

    p=strstr(message,"FATHER SYSTEM OFF");
```



```
if(p){  
  Serial.println("FATHER SYSTEM OFF");  
  digitalWrite(FATHER,LOW);  
}  
}  
sms.DeleteSMS((int)pos);  
  
}  
  
delay(5000);  
  
};
```