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| 30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60 | *// Arduino Fire Alarm System, GSM Fire Alarm communicator*  *// https://www.electroniclinic.com/*    #include <SoftwareSerial.h>  SoftwareSerial SIM900(7, 8); *// gsm module connected here*  **String** textForSMS;    **int** FlameSensor = 4; *// Flame Sensor*  **int** Buzzer = 5; *// Alarm/light can be connected with this Buzzer*    **void** setup() {    randomSeed(analogRead(0));  Serial.begin(9600);  SIM900.begin(9600); *// original 19200. while enter 9600 for sim900A*  Serial.println(" logging time completed!");  pinMode(FlameSensor, INPUT);  pinMode(Buzzer, OUTPUT);  digitalWrite(Buzzer, LOW);  delay(5000); *// wait for 5 seconds*    }    **void** loop() {      **if** ( digitalRead(FlameSensor) == HIGH) *//*    {    textForSMS =  "\nFire Detected!";    analogWrite(Buzzer, 200);    sendSMS(textForSMS);    Serial.println(textForSMS);    Serial.println("message sent.");    delay(8000);    }  **if** ( digitalRead(FlameSensor) == LOW) *//*    {    Serial.println("No Fire Detected");    digitalWrite(Buzzer, LOW);    delay(1000);    }    }      **void** sendSMS(**String** message)  {    SIM900.print("AT+CMGF=1\r");                     *// AT command to send SMS message*    delay(1000);  SIM900.println("AT + CMGS = \"+923339537499\"");  *// recipient's mobile number, in international format*      delay(1000);    SIM900.println(message);                         *// message to send*    delay(1000);    SIM900.println((**char**)26);                        *// End AT command with a ^Z, ASCII code 26*    delay(1000);    SIM900.println();    delay(100);                                     *// give module time to send SMS*    } |