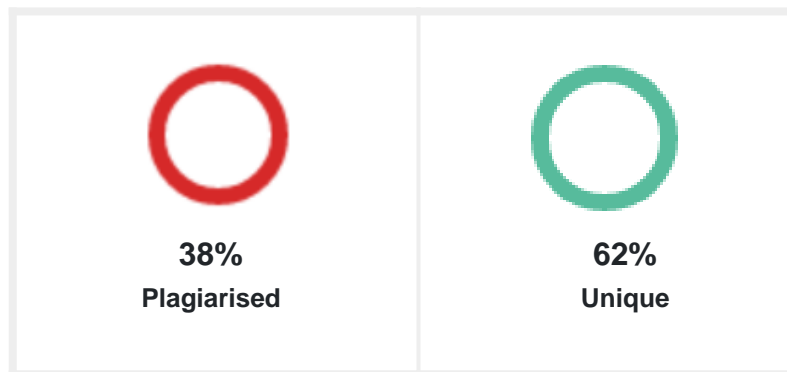




PLAGIARISM SCAN REPORT



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Words 372

Characters 2640

Content Checked For Plagiarism

```
#include <SoftwareSerial.h> //allows serial communication on other digital pins of the Arduino const int SWIT = 6; const int buz = 8;
SoftwareSerial sim(11, 12); // RX digital pin 11, TX digital pin 12; SYNTAX : SoftwareSerial mySerial (Rx, Tx); int _timeout; String _buffer;
String number = "+918610400742"; //mobile number to which the sms has to be sent void setup() { pinMode(SWIT, INPUT);
pinMode(buz, OUTPUT); digitalWrite(buz, HIGH); //initially make buzzer high because buzzer starts ringing if it is in low mode
digitalWrite(SWIT, HIGH); delay(5000); //delay for 5 seconds to make sure the modules get the signal Serial.begin(9600); // Setting the baud
rate of Serial Monitor (Arduino) //reserve() function allows you to allocate a buffer in memory for manipulating Strings. _buffer.reserve(50);
//myString.reserve(size); size: the number of bytes in memory to save for String manipulation Serial.println("System Started...");
sim.begin(9600); //Baud rate of the GSM Module delay(1000); } void loop() { if(digitalRead(SWIT)==LOW) //when the switch is pressed it goes
to low state { while(digitalRead(SWIT)==LOW); delay(1000); digitalWrite(buz, LOW); //buzzer starts ringing SendMessage();
digitalWrite(buz, HIGH); //buzzer stops ringing after sending the message } if(digitalRead(SWIT)==HIGH) digitalWrite(buz, HIGH); }
void SendMessage() { Serial.println("Sending Message"); sim.println("AT+CMGF=1"); //Sets the GSM Module in Text Mode //sim.println writes
data to software serial port (Tx pin of our Software Serial – that is pin 12) and this will be captured by GSM module (through its Rx pin)
delay(1000); // Delay of 1000 milli seconds or 1 second //Serial.println("Set SMS Number"); //AT+CMGS="+YYxxxxxxxx"r // Input the
mobile number| YY is country code sim.println("AT+CMGS=" + number + "r"); //Mobile phone number to send message delay(1000); //Each
and every AT command may be followed by 1 second delay. We must give some time for GSM module to respond properly. String SMS =
"Help me, I am in trouble..."; sim.println(SMS); // The SMS text you want to send delay(100); //The end of SMS content is identified with
CTRL+Z symbol. sim.println((char)26); // ASCII code of CTRL+Z delay(1000); _buffer = _readSerial(); // _readSerial() to read the answer from
SIM800L // digitalWrite(buz, HIGH); } String _readSerial() { _timeout = 0; //sim.available() checks for any data coming from GSM module
through the SoftwareSerial pins 11 and 12 while (!sim.available() && _timeout < 12000 ) //checked for every 12 seconds { delay(13);
_timeout++; } if (sim.available()) { return sim.readString(); //returns the data if available in GSM } }
```

Matched Source

Similarity 10%

Title: [gsm - Clearing arduino serial buffer - Arduino Stack Exchange](https://arduino.stackexchange.com/q/25459)

if you are receiving unsolicited message (reading junk) then you could extend the bit pattern you are expecting so that there is almost no possibility of you accidentally receiving it. rather than 'a' and 'b' as triggers user led="0" and led="1". doing this makes reading the data much harder...

<https://arduino.stackexchange.com/q/25459>

Similarity 10%

Title: [How to send sms and make a call using SIM800L module with an...](#)

that is pretty easy to send sms and call a phone using sim800l gsm module. you just need some line of code to do that.this module works just like another module, it uses at command to communicate with arduino and has the same command.

<https://miliohm.com/sim800l-arduino-tutorial/>

Similarity 5%

Title: [Unable to SMS using AT commands for arduino uno - Stack Overflow](#)

delay(1000); } i am trying to send a sms using sim 800 rpi gsm add-on v2.3 module through the arduino platform however everything i try fails. please assist and explain where i am going wrong.

<https://stackoverflow.com/questions/55111215/unable-to-sms-using-at-commands-for-arduino-uno>

Similarity 15%

Title: [Interface GSM Module to Arduino - Send and Receive SMS](#)

interfacing gsm module with arduino-how to connect gsm module to arduino with program/code to receive and send sms message via arduino and after setting the gsm module to text mode, we should the the mobile number to which we shall send the sms. this is achieved with at command...

<https://www.circuitstoday.com/interface-gsm-module-with-arduino>

Similarity 5%

Title: [ios - How to launch SMS Message app - Stack Overflow](#)

i am not creating sms. how to launch iphone sms message app using swift code?let sms: string = "sms:+1234567890&body=hello abc how are you i am ios developer." let strurl: stringasking for help, clarification, or responding to other answers. making statements based on opinion; back them...

<https://stackoverflow.com/questions/31180495/how-to-launch-sms-message-app>
