```
#include <SoftwareSerial.h>
// Create a software serial object
SoftwareSerial SIM800L(10, 11); // RX, TX
void setup() {
  // Start serial communication with the computer
  Serial.begin(9600);
  // Start serial communication with the SIM800L module
  SIM800L.begin(9600);
  Serial.println("Initializing...");
  delay(1000); // Give time for the module to initialize
  // Check if the module is ready
  SIM800L.println("AT");
  delay(1000);
  if (SIM800L.available()) {
    Serial.println(SIM800L.readString());
  }
  // Set SMS mode to text mode
  SIM800L.println("AT+CMGF=1");
  delay(1000);
  if (SIM800L.available()) {
    Serial.println(SIM800L.readString());
  }
SIM800L.println("AT+CSQ");
  if (SIM800L.available()) {
    Serial.println(SIM800L.readString());
```

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  }
  delay(1000);
  SIM800L.println("AT+CREG?");
delay(1000);
if (SIM800L.available()) {
  Serial.println(SIM800L.readString());
}
delay(1000);
  // Dial the number
  String phoneNumber = "+91 8667423559"; // Replace with the target phone number
  SIM800L.print("ATD");
  SIM800L.print(phoneNumber);
  SIM800L.println(";");
  delay(1000);
  if (SIM800L.available()) {
    Serial.println(SIM800L.readString());
  }
  Serial.println("Calling...");
}
void loop() {
  // Keep checking for incoming data from the module
  if (SIM800L.available()) {
    Serial.println(SIM800L.readString());
  }
}
```