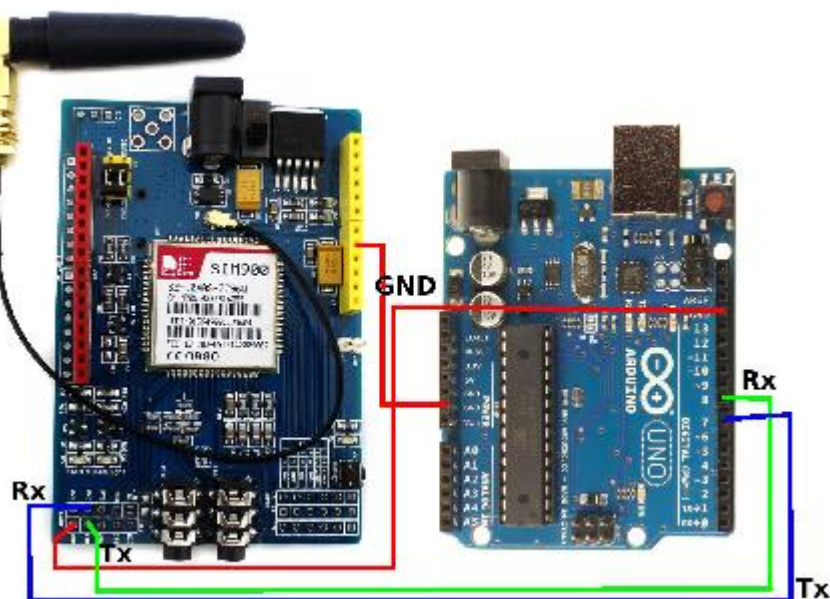


Application: Sending an SMS and making a phone call

COMPONENT NEEDED:

- SIM900 Quad Band GPRS GSM Shield Development Board for Arduino FREE SIM Adapter
- Arduino UNO & USB cable
- Adapter 5V
- Arduino IDE
- Jumper wire

CONNECTION:





SYNACORP TRADING & SERVICES

No.9, 1st Floor, Lrg 1/SS2, Bandar Tasek Mutiara, 14120 Simpang Ampat, S.Prai (S), Penang

Tel : +604.504.1617 Hunting Line : 012.4033.474 Fax : +604.502.1726

(Website) <http://www.synacorp.my> (Email) sales@synacorp.com.my

STEPS:

1. Insert an unlocked SIM card into SIM Card Holder.
2. Lock the SIM Card Holder.
3. Assemble the GSM antenna.
4. Connect the circuit as shown in figure above.
5. Open your Arduino IDE.
6. Select the right board type and COM port.
7. Plug the 5V power to the GSM shield.
8. Press the **PWRKEY** button for a second, and watch **Status** and **NetLight** LED.
9. The bright “**Status**” LED will come on, and then the “**NetLight**” LED will blink once every 800 milliseconds- until the GSM module has found the network, at which point it will blink once every three seconds.
10. Upload the sketch. You can get the sketch from *Application_Sketch*.
 - *Application1_sketch* for sending SMS
 - *Application2_sketch* for making a phone call