

Sending data serially from Arduino to a computer

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```
void setup() {  
    // put your setup code here, to run once:  
    Serial1.begin(9600);  
}  
  
void loop() {  
    // put your main code here, to run repeatedly:  
    Serial1.write(45);  
    Serial1.write("Akshay");  
}
```

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Type the above code. You could use different options like Serial.write or print or println. Check the working from the Arduino website.

Now how to make the connections ?

Procure two items: 1. Arduino Mega 2550      2. USB to TTL connector

TTL: the 5 pin part

1. Connect Arduino to PC and flash the above code into it.
2. Now connect ground of both the USB to TTL and Arduino to each other.
3. Connect the Rx of Arduino Serial1 to Tx of TTL.
4. Connect Tx of Arduino Serial1 to Rx of TTL.
5. Power them both.

6. Open up tera term
7. Your USB to TTL is connected to PC via USB cable.
8. Select the specific COM port.
9. Set 9600 as baudrate.
10. You will see data been printed repeatedly.