

✓	Code Structure	Example	Location
	<code>void setup() { }</code>	<code>void setup() { //setup code here }</code>	
	<code>void loop() { }</code>	<code>void loop() { //loop code here }</code>	
	<code>void function() { }</code>	<code>void gc_interrupt () { // code here }</code>	
	<code>//</code>	<code>// This is a comment</code>	Anywhere
	<code>/* */</code>	<code>/* blah blah a comment block blah blah */</code>	Anywhere
	<code>Serial.begin(baud rate);</code>	<code>Serial.begin(9600);</code>	Setup
	<code>pinMode(pin, mode);</code>	<code>pinMode(13, OUTPUT);</code>	Setup
	<code>Serial.print();</code>	<code>Serial.print("hello world");</code>	Loop
	<code>Serial.println();</code>	<code>Serial.println("hello world");</code>	Loop
	<code>Serial.print("\t");</code>	<code>Serial.print("\t Tabs are fun");</code>	Loop
	<code>Serial.print(value to print);</code>	<code>Serial.print(sensorValue);</code>	Loop
	<code>Serial.print(value to print, # of digits);</code>	<code>Serial.print(sensorValue, 2);</code>	Loop
	<code>digitalWrite(pin, value);</code>	<code>digitalWrite(13, HIGH)</code>	Loop
	<code>analogRead(pin);</code>	<code>analogRead(A0);</code>	Loop
	<code>delay(time in millesec);</code>	<code>delay(1000);</code>	Loop
	<code>millis();</code>	<code>timeStamp = millis();</code>	Anywhere
	<code>int integer_name;</code>	<code>int led;</code>	Definitions
	<code>float decimal_number_name;</code>	<code>float sensorValue;</code>	Definitions
	<code>const int constant_integer;</code>	<code>const int chipSelect = 8;</code>	Definitions
	<code>long integer_name;</code>	<code>long counter = 0;</code>	Definitions
	<code>short integer_name;</code>	<code>short tempur;</code>	Definitions
	<code>unsigned int integer_name;</code>	<code>unsigned int gc_cnt;</code>	Definitions

✓	Code Structure	Example	Location
	<code>volatile unsigned int integer_name;</code>	<code>volatile unsigned int(gc_counts) = 0;</code>	Definitions
	<code>String char_string_name;</code>	<code>String nameList = "chris, jesse, BB-8";</code>	Definitions
	<code>char character_name;</code>	<code>char temp2FString;</code>	Definitions
	<code>char character_name[#];</code>	<code>char nextLine_C[size_of_data_block];</code>	Definitions
	<code>const unsigned char character_name;</code>	<code>const unsigned char OSS;</code>	Definition
	<code>#include <Arduino Library></code>	<code>#include <Wire.h></code>	Definitions
	<code>#include "Created Library"</code>	<code>#include "gyro.h"</code>	Definitions
	<code>SPI.begin();</code>	<code>SPI.begin();</code>	Setup
	<code>attachInterrupt(interrupt number, function, edge);</code>	<code>attachInterrupt(gc_intnumber, gc_interrupt, RISING);</code>	Setup
	<code>Library::function_within_library();</code>	<code>Gyro::setupGyroITG();</code>	Setup
	<code>if (condition) action if true;</code>	<code>if (groundMode) Serial.print("TRUE");</code>	Anywhere
	<code>if (!condition) action if NOT true;</code>	<code>if (!groundMode) Serial.print("FALSE");</code>	Anywhere
	<code>String(integer to convert to string);</code>	<code>String(gyroX);</code>	Anywhere
	<code>aString = aString + aStringToAppend;</code>	<code>dataString = dataString+", "+String(gyX);</code>	Anywhere