return

[Control Structure]

Description

Terminate a function and return a value from a function to the calling function, if desired.

Syntax

return;  
return value;

Parameters

value: Allowed data types: any variable or constant type.

Example Code

A function to compare a sensor input to a threshold

int checkSensor() {

if (analogRead(0) > 400) {

return 1;

}

else {

return 0;

}

}

The return keyword is handy to test a section of code without having to "comment out" large sections of possibly buggy code.

void loop() {

// brilliant code idea to test here

return;

// the rest of a dysfunctional sketch here

// this code will never be executed

}