Arduino Cheat Sheet

by ckinzer via cheatography.com/35982/cs/11319/

Setup

void setup()	Function called when a sketch starts. Runs once on powerup / reset.
void loop()	Function loops consecutively.

Arithmetic Operators

=	Assignment Operator
+	Addition
-	Subtraction
*	Multiplication
/	Division
%	Modulo

Comparison Operators

==	Equal To
!=	Not Equal To
<	Less Than
>	Greater Than
<=	Less Than or Equal To
>=	Greater Than or Equal To

Boolean Operators

&&	And
||	Or
!	Not

Compound Operators

++	Increment
--	Decrement
+=	Compound Addition
-=	Compound Subtraction
*=	Compound Multiplication
/=	Compound Division
%=	Compound Modulo
&=	Compound Bitwise And
!=	Compound Bitwise Or

Constants

HIGH	Voltage greater than 3V (5V board) or 2V (3.3V board)
LOW	Voltage less than 1.5V (5V board) or 1V (3.3V board)
INPUT	
INPUT_PULLUP	
OUTPUT	

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