

## Arduino Cheat Sheet

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

Setup	
void	Function called when a sketch
setup()	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

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

Boolean Operators	
&&	And
II	Or
!	Not

Compound Operators	
++	Increment
	Decrement
+=	Compound Addition
-=	Compound Subtraction
*=	Compound Multiplication
/=	Compound Division
%=	Compound Modulo
<b>&amp;=</b>	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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