

Cheat Sheet

Data Types

int	%.i %.d
float	%.f
double	%.f more precise: %.lf
char	%.c
char array	%.s
(bool)	(%.d)

decimal precision

ex.: number of
↓
decimals

} %.2f ← or lf

formatting:

\n	new line
\t	tab

Constants fixed values of variables

- can't be changed
- name in uppercase
- ex: const float PI = 3.14159

augmented assignment operators

"shortcuts"

instead of...	use...
$x = x + 2$	$x += 2$
$x = x - 2$	$x -= 2$
$x = x * 2$	$x *= 2$
$x = x / 2$	$x /= 2$
$x = x \% 2$	$x %= 2$

mod

OPERATOR	MEANING
++a	Increment a by 1, then use new value of a
a++	Use value of a, then increment a by 1
--b	Decrement a by 1, then use new value of a
b--	Use value of a, then decrement a by 1