Cheatography

C# Cheat Sheet

by Kimyo via cheatography.com/29576/cs/8702/

Data Types

Name	Example
bool	`bool flag = True`
char	`char c = '#'`
string	`string text = "cake is great"`
int	`int x = 29`
double	`double a = 3.14`

Casting and Type Conversions

From	To	Use
double	int	`(int)x`
string	int	`int.Pa rse(x)`

x means the original variable that you are converting.

example: `a = (int)7.2`

Arrays

Initialization

`datatype[] name = new dataty pe[ size]`

example: `int[] arr = new int[2]`

`datatype[] name = {value1, value2, ...}`

example: `string[] names = {"Bo b", " Jac k", ...}`

Multi-Dimensional Arrays

`dataty pe[,] name = new dataty pe[ size0, size1]`

example: `int[,] arr = new int[2, 4]`

Flow Control

Branching

```
if (condi tion) {
    (statments)
}
```

```
elseif (condi tion)
{
    (statments)
}
```

```
else  {
    (statments)
}
```

Looping

```
while (condi tion)
    (statments)
}
```

```
do  {
    (statments)
} while (condi tion)
```

```
for (initi ali zation; condition; step)
 {
    (statments)
}
```

Boolean Logic Operators

Operator	Meaning
&&	and
||	or
!	not

Console I/O >_

Line Input	`Consol e.R ead Line()`
Line Output	`Consol e.W rit eLine( )`

By **Kimyo**

cheatography.com/kimyo/

Published 28th July, 2016.

Last updated 28th July, 2016.

Sponsored by **ApolloPad.com**

Everyone has a novel in them. Finish Yours!

https://apollopad.com