

Sorting and Arrays



Sorting

Bubble

Comparing two items and moving the lower ones in one direction and the larger in another direction

Low processing power needed

Only able to compare two items at one

Time intensive task

Insertion

Placing items one at a time in the order that they need to go

Natural human manner of sorting

Quicksort

Pivoting items around a set pivot point that then becomes set

Quickest storing algorithm

Used by computers because of its quickness

15 Sorting

Algorithms in 6 min

Robot sorting battle

Arrays

Variables = box

Array = chest of drawers

Relies on key:value pairs

\$name can be an array or a value

\$name[7] is an array

array	key	value
\$name	[7]=	"Bob"

Example time!

Associative Arrays

All arrays are associative

Auto-incrementing

Default numeric

\$soup	['monday']=	"Soegogi miyeokguk"
array	key	value
\$_GET	['name']=	

Example time!