CSCA48 Tutorial Week #12

TUT 0006

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Correction

O(1)

O(N)

$O(N^2)$

$O(2^N)$

O(log(N))

O(N*log(N))

CORRECTION

O(log(N)) usually represents binary search algorithms.

e.g. Searching/inserting/deleting one element in a BST/Heap

Note: Traversing through a tree is O(n)!

O(N*log(N)) is just N times log(N)

e.g. Searching/inserting/deleting N elements in a BST/Heap

It usually represents binary sort algorithms too.

e.g. Heap sort

Up Next...

Our last ~~quiz!~~ worksheet

- That’s it. Keep things light, let them off early

FAQ

Can I put you on my reference list?

- Absolutely!

When will I get my A2 marks?

- We haven't start marking A2… yet.

When is the final exam?

- April 13, 9am – 12pm