

CSCA48 TUTORIAL WEEK #7

There's a **quiz on Heaps (tree and list representation)**
at the beginning of the class!

TUT 0006

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THIS WEEK

Quiz #2

Recursion

Recursive memory model

RECURSION

Technically, recursion is a function calling itself

The idea of taking a problem and breaking it down,
and letting functions solve the smaller parts

RECURSION: EXAMPLE

Fibonacci sequence!

What is the 5th number in the Fibonacci sequence?

(We are computer scientists, so we count from 0...)

8.

How did you get it?

A series of numbers in which each number (Fibonacci number) is the sum of the two preceding numbers.

E.g. 1, 1, 2, 3, 5, 8, etc.

RECURSION: EXAMPLE

To Wing!

REMINDERS

Exercise 5 dues February 17, 2017. 5:00pm