

- **Hand in papers in class, so that the resulting pile of work is in order by seat.**

When I am asked to

handle a pile of n student's work,

the recursive abstraction can

ask the person to the left to pass up their homework.

- **Build a string that resembles a fence, as in [hw31](#).**

When I am asked to

build a fence ($--|$) of size n ,

the recursive abstraction can

build a fence of size $n-1$.

- **Any recursive problems from into 1. - Fibonacci**

When I am asked to

find the n th Fibonacci number,

the recursive abstraction can

find the $(n-1)$ th number.

- **Binary search for a value in an ordered list, as in [hw66](#).**

When I am asked to

see if a number is in a list of size n ,

the recursive abstraction can

see if a number is in a list of size $n/2$.