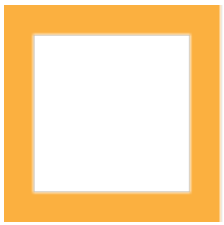
Introduction and Recursion
Functional Programming

Jens Egholm Pedersen and Anders Kalhauge

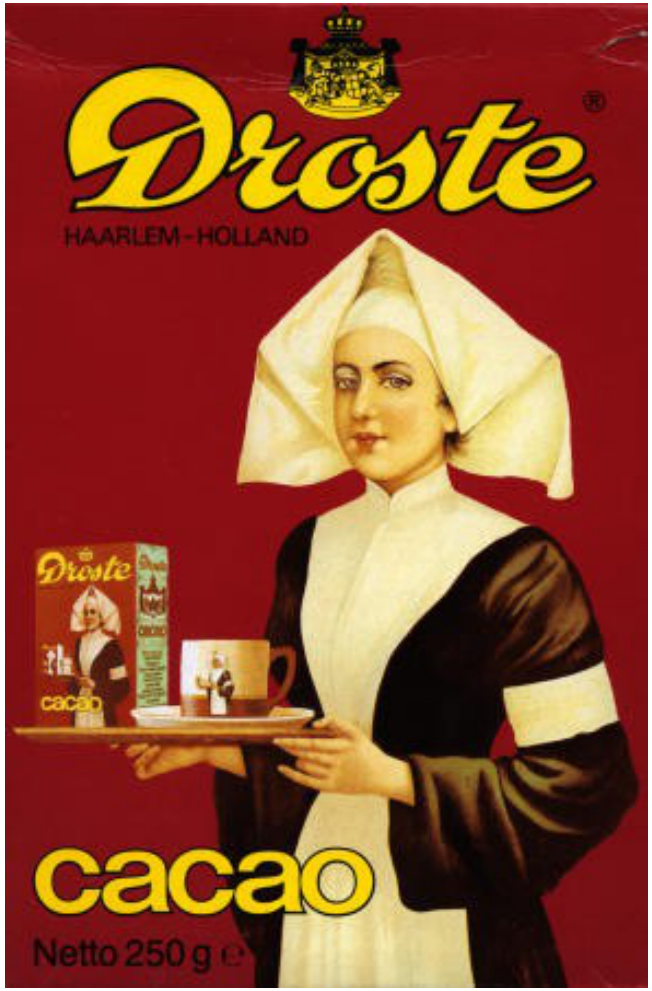


cphbusiness

Spring 2017

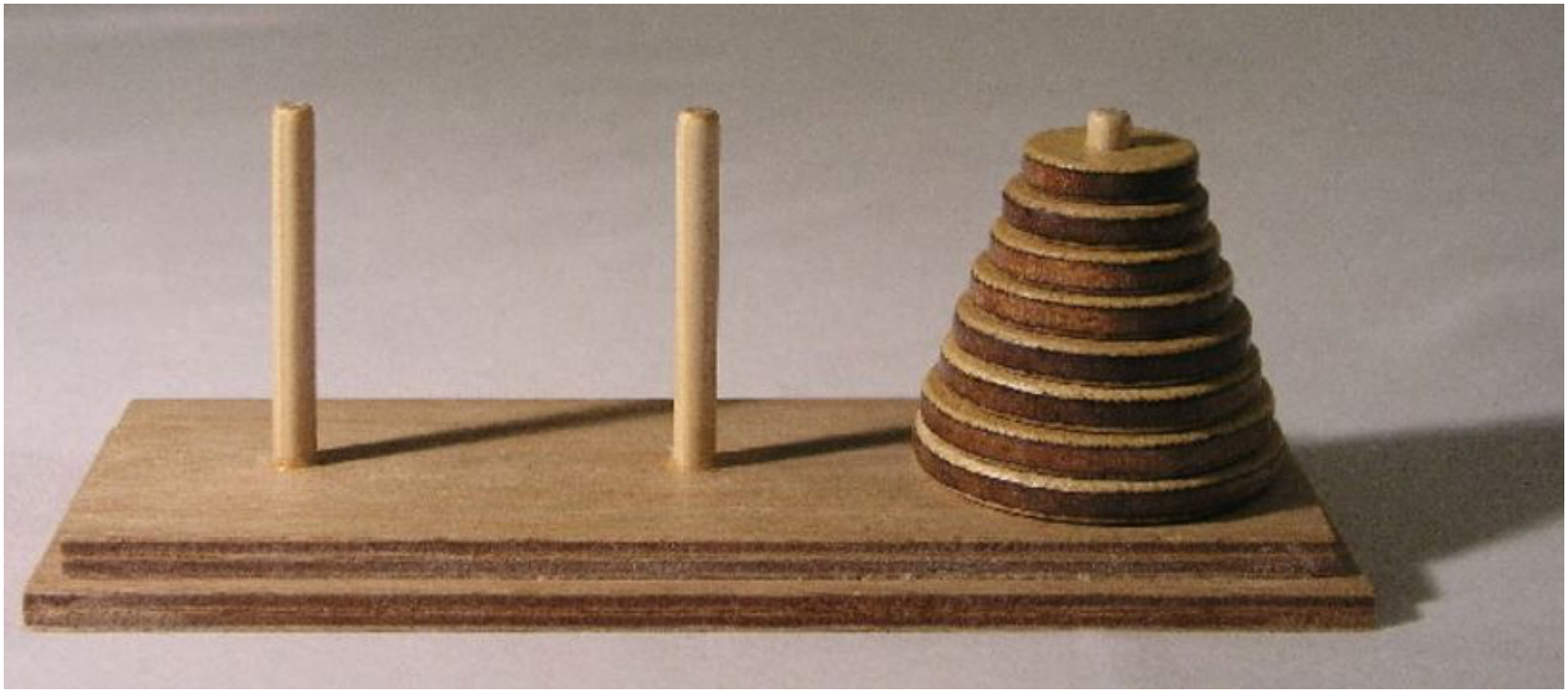
Outline

Recursion



Exercise 1 - Towers of Hanoi

1. Only one disk can be moved at a time.
2. Each move consists of taking the upper disk from one of the stacks and placing it on top of another stack i.e. a disk can only be moved if it is the uppermost disk on a stack.
3. No disk may be placed on top of a smaller disk.



Exercise 2 - Reverse list

With a list of the `Path` type we made last Tuesday:

Make a recursive fundtion that reverses the order of list elements.