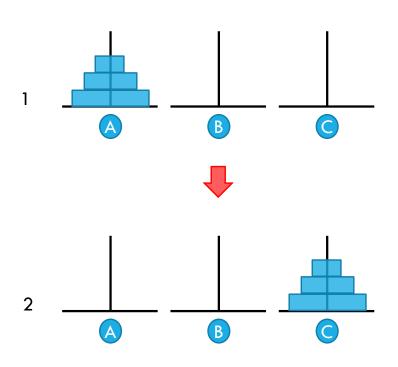


TOWER OF HANOI

Recursion in Python

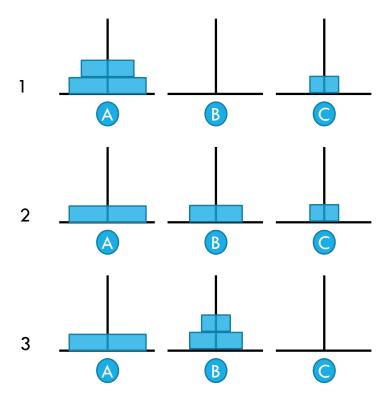
INTRODUCTION TO HANOI GAME

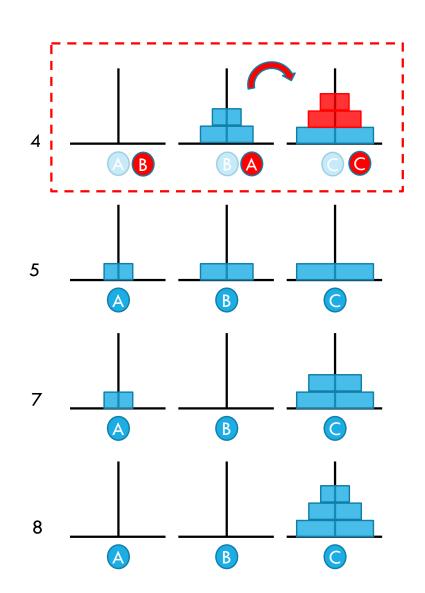


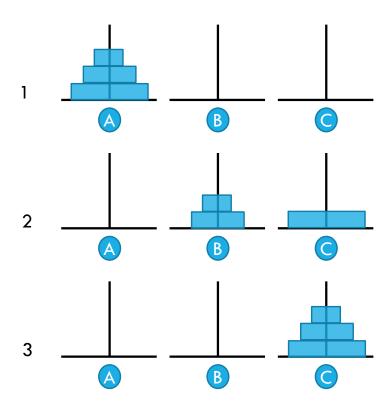
Rules

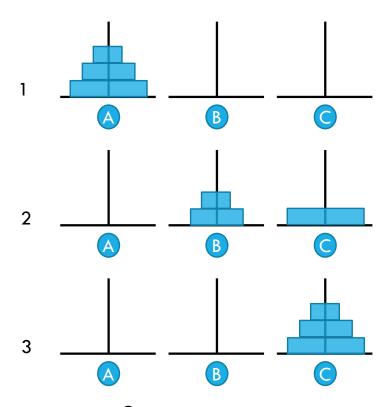
- 1. Only one disk can be moved at a time.
- 2. Each move consists of taking the upper disk from one of the stacks and placing it on top of another stack or on an empty rod.
- 3. No larger disk may be placed on top of a smaller disk.

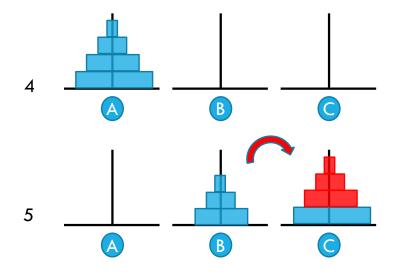
SOLUTION

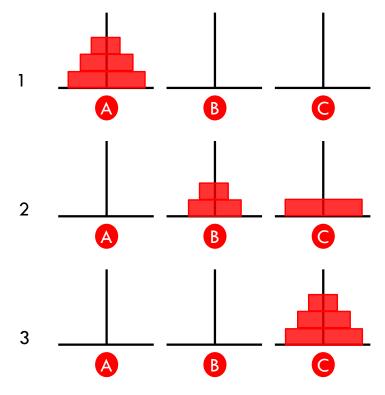


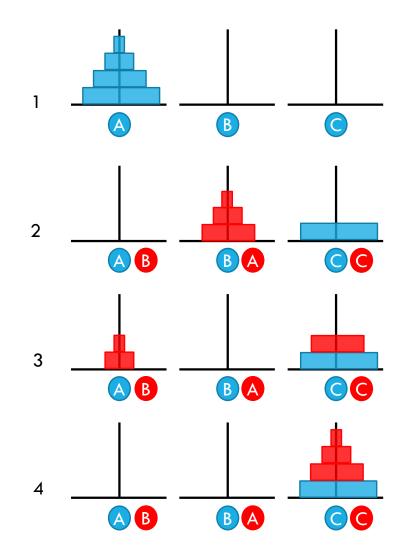




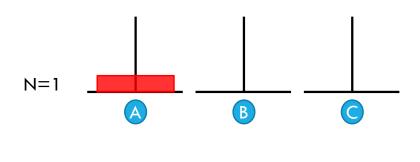


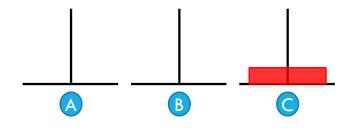


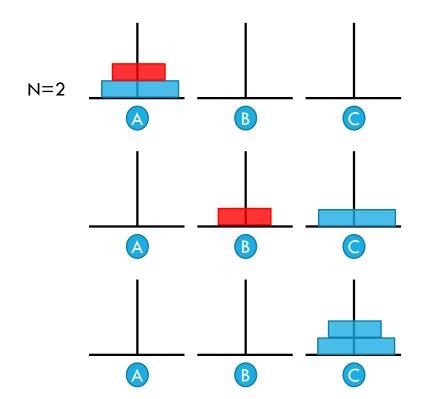




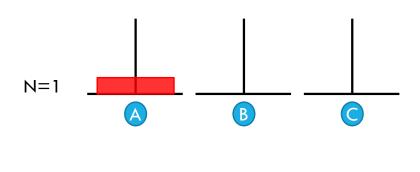
$N=2 \leftarrow N=1$

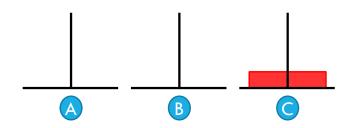


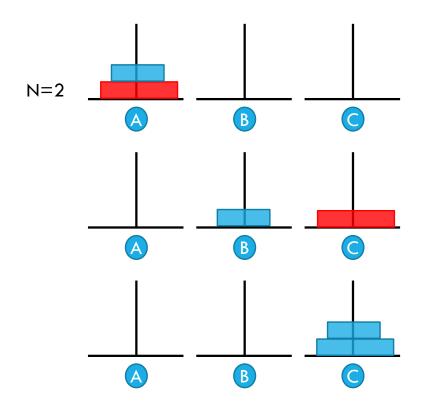




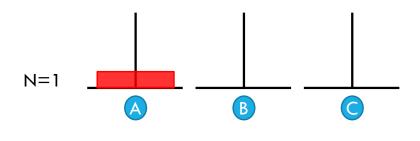
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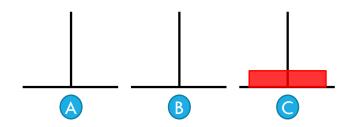


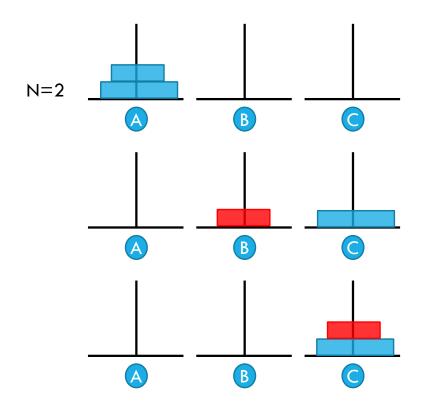


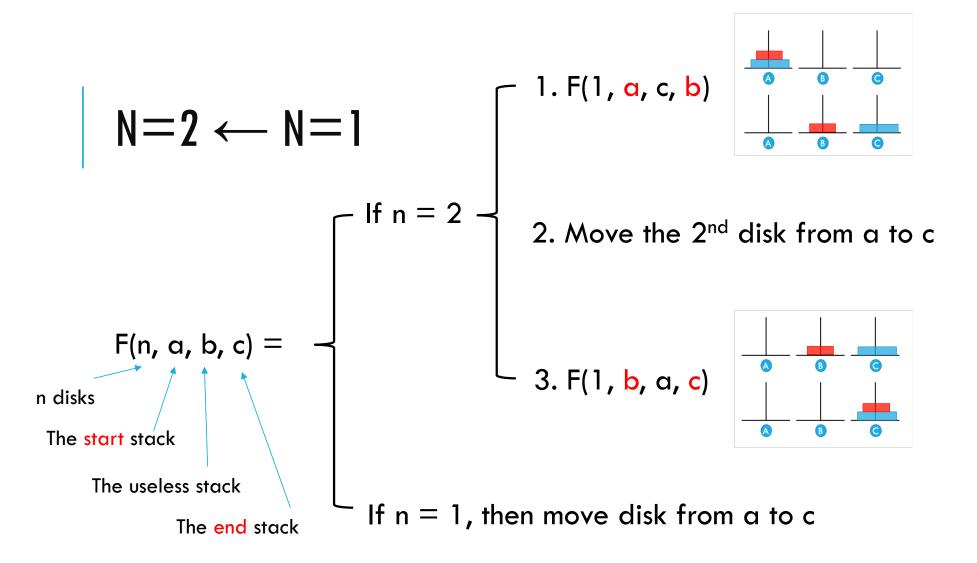


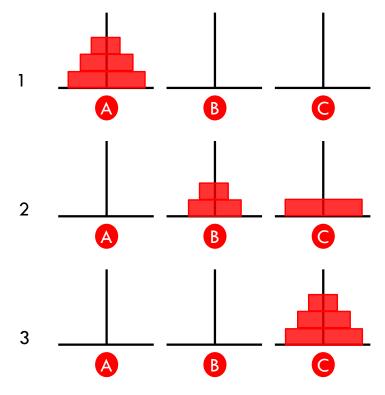
$N=2 \leftarrow N=1$

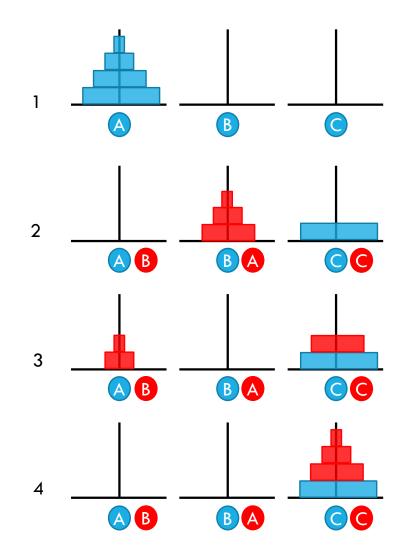


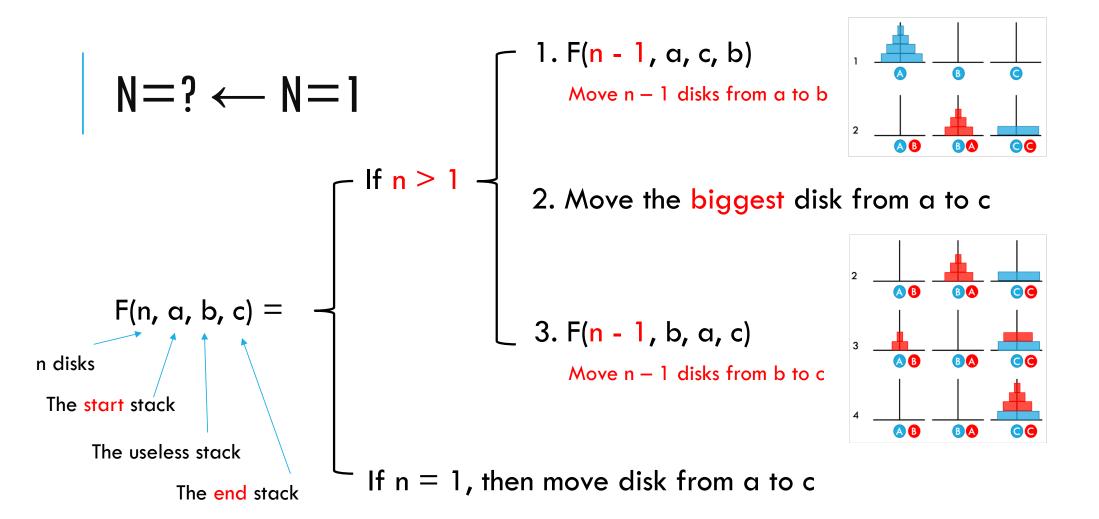












TEMPLATE

