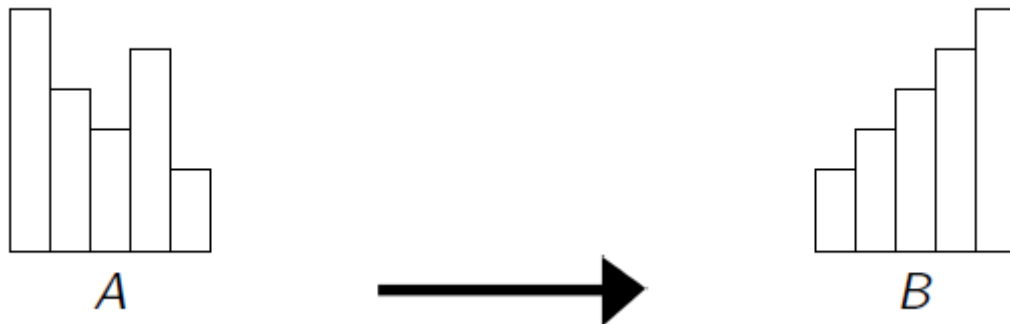


Sorting books in increasing order



Rules:

- you can make an intermediary stack,
- allowed movements:

- (1) Put the book from the right(top) of A onto the intermediary stack
- (2) Put the topmost book of the stack onto B

Questions:

- Which type of stacks can be sorted?
- How many stacks of N books can be sorted?
- What happens when we allow repeated sorting?