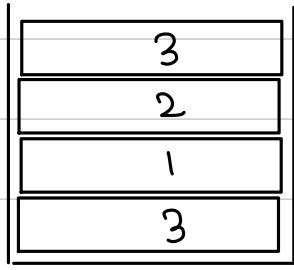# Stacks

3
2
1
3

* Last In First Out (LIFO)
* Can be implemented using Arrays or stacks
* Can be used to things like undo mechanisms

* Basic operations:
　　Push: Adds new element to the top
　　Pop: Removes & returns the top element
　　Peek: Returns the top element
　　isEmpty: Checks if stack is empty
　　Size: Number of elements in stack

* Implementation using arrays:
　　+ Memory efficient
　　+ Easy to implement/understand
　　- Fixed size.

* Implementation using linked lists
　　+ Dynamic size.
　　- Extra memory
　　- Readability.