Stack

In Real-Life

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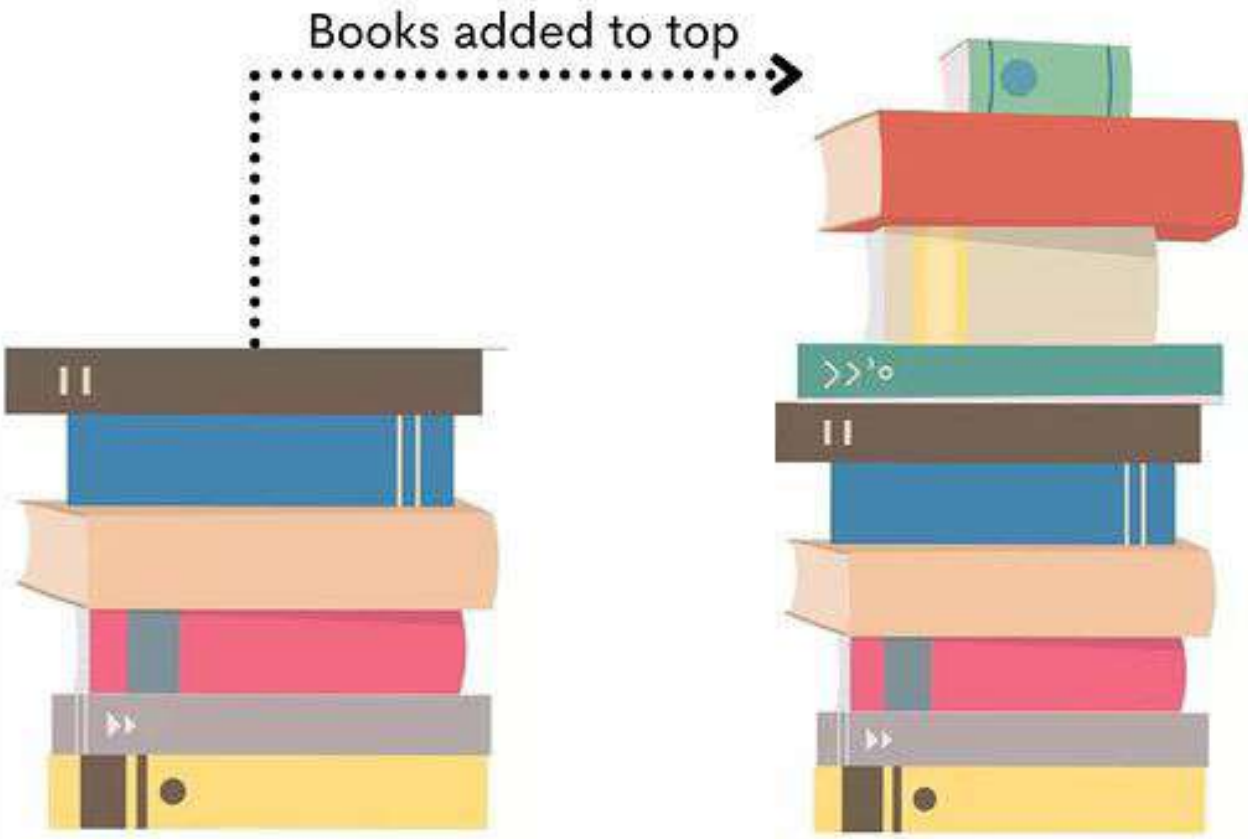
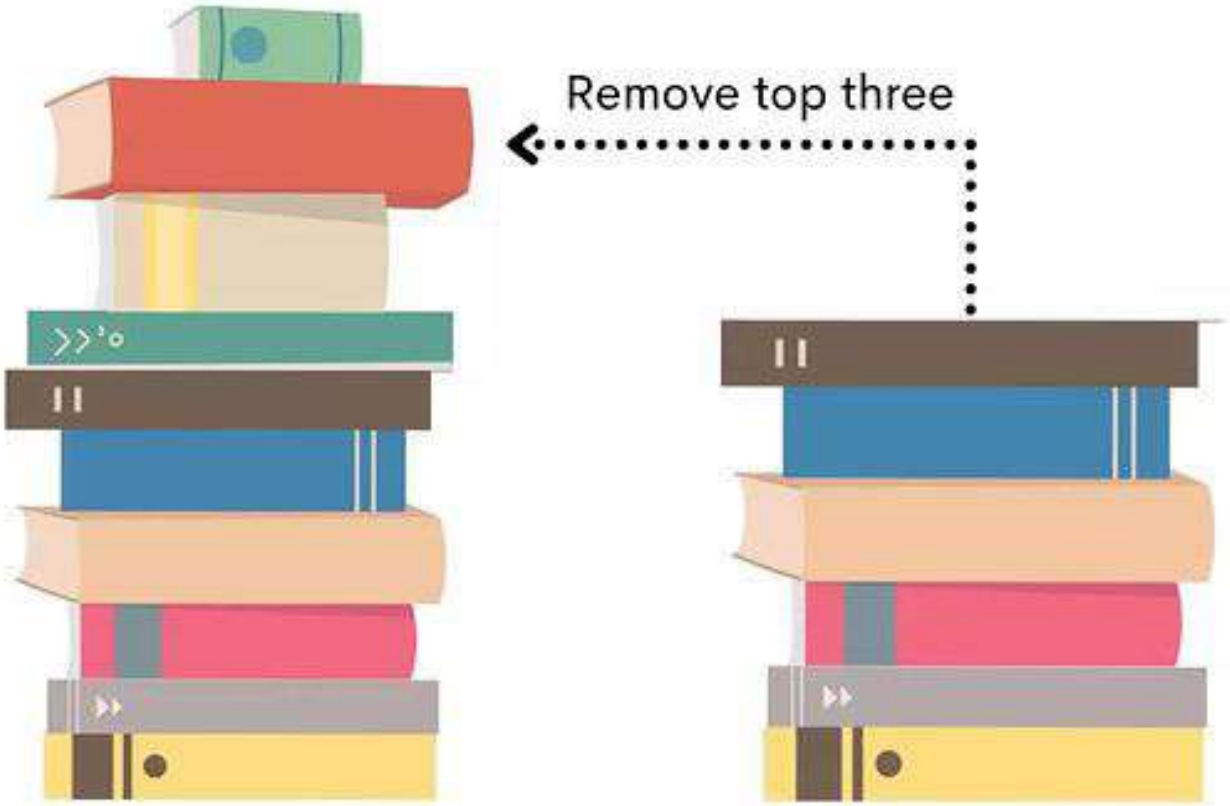
Analogy let's say on one fine morning you are going to a library

Imagine There is
a pile of books

When you want to add a book
you always put it on the top



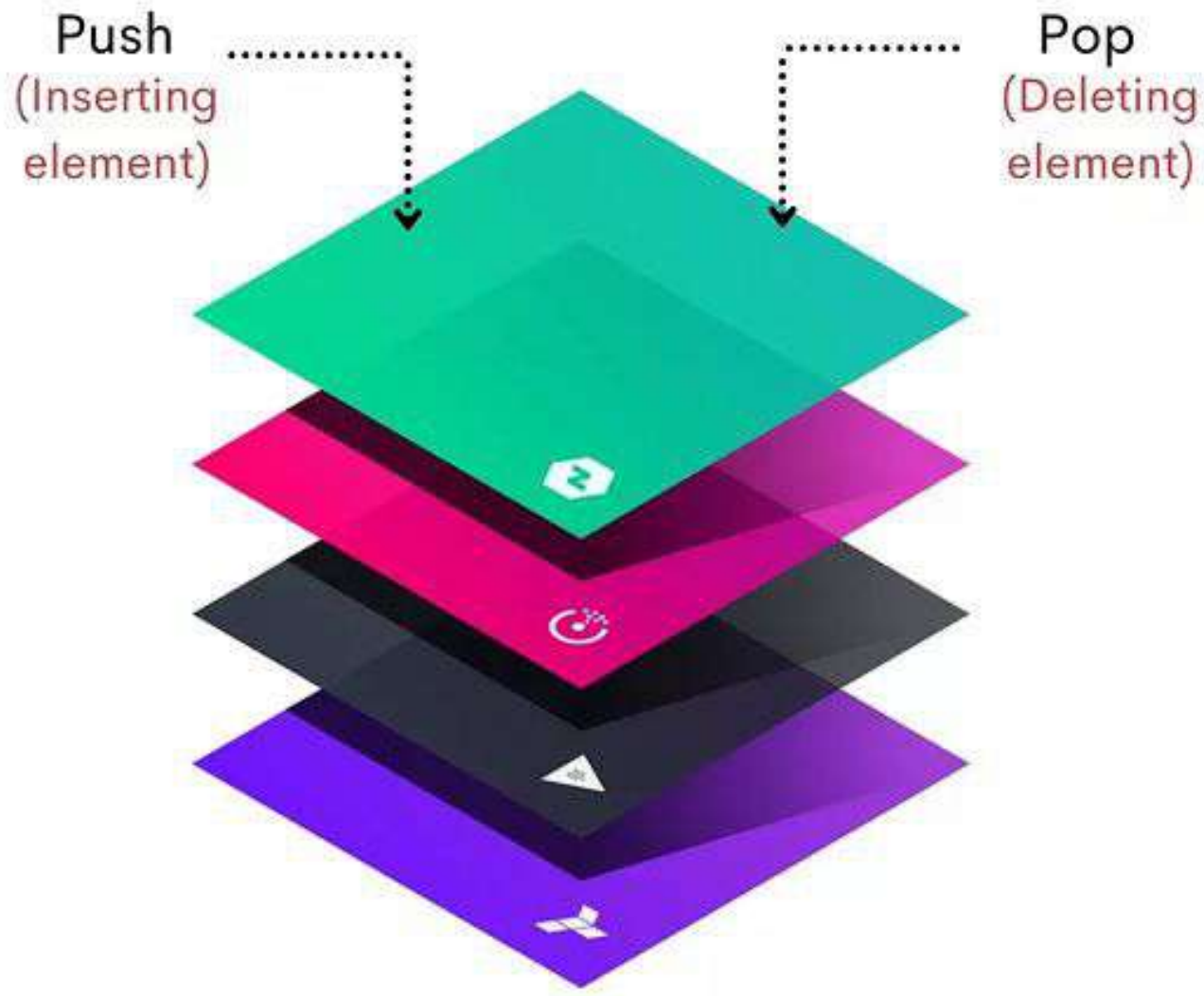
And now suppose you want the fifth book
Then first you have to remove the first
four in a journey to reach the fifth one



(Unless you are smart enough to
get the fifth one directly)

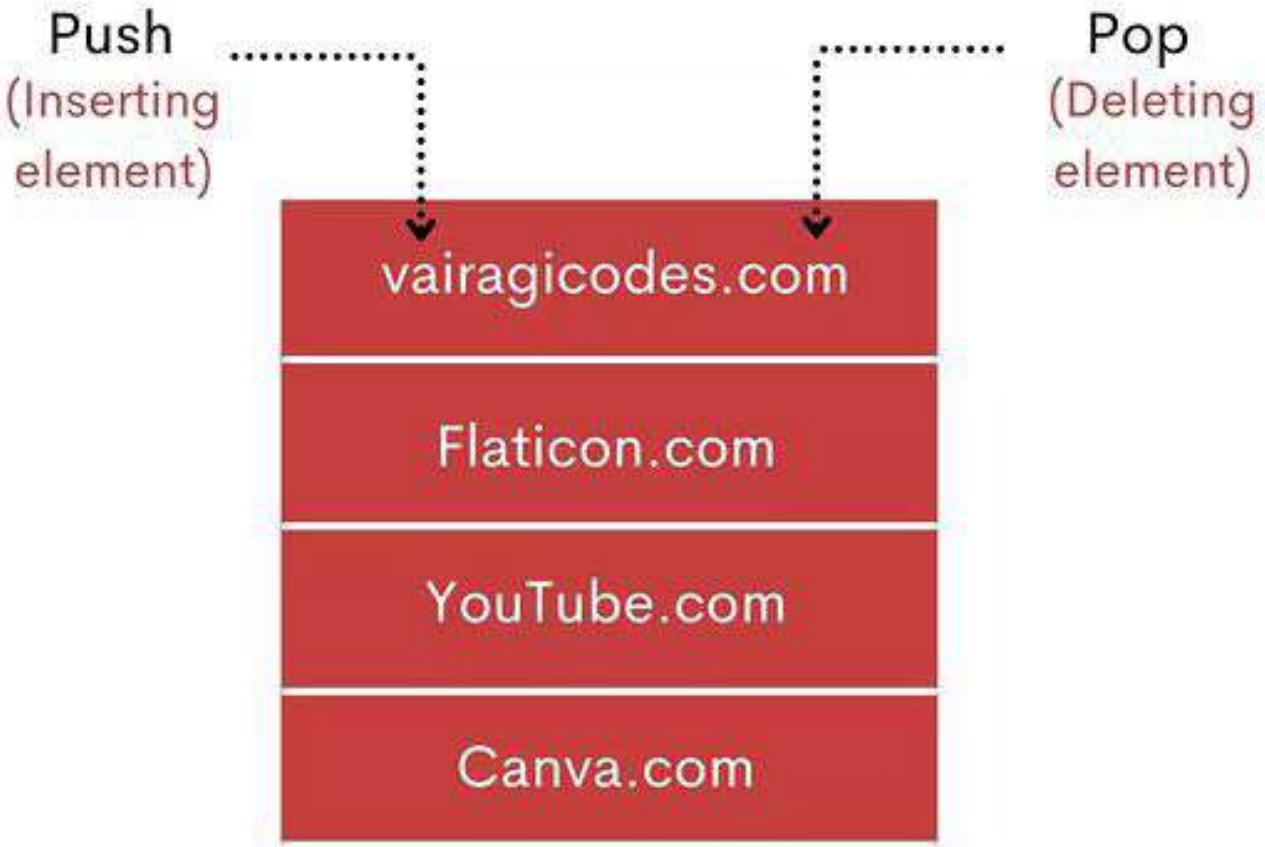
STACK

The same goes with the stack
in programming (Last In First Out)

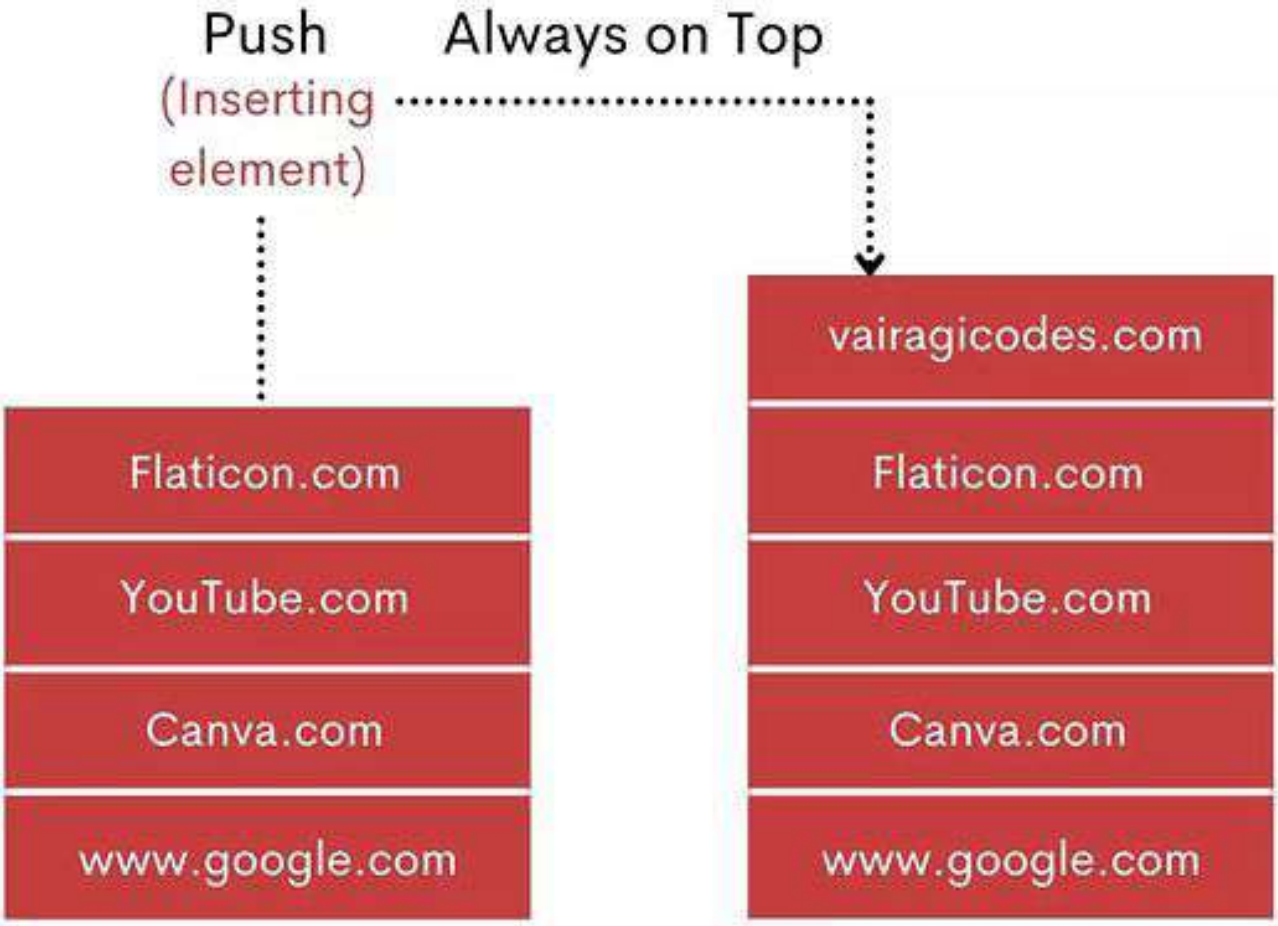


STACK

It is an imaginary way of organizing data in memory that follows certain rules



when you add something in stack
it goes to the top of the stack



When you remove something from stack
it should be from the top of the stack