



Rahul

@rahul\_codes

# Top Data Structures for Coders



save for later

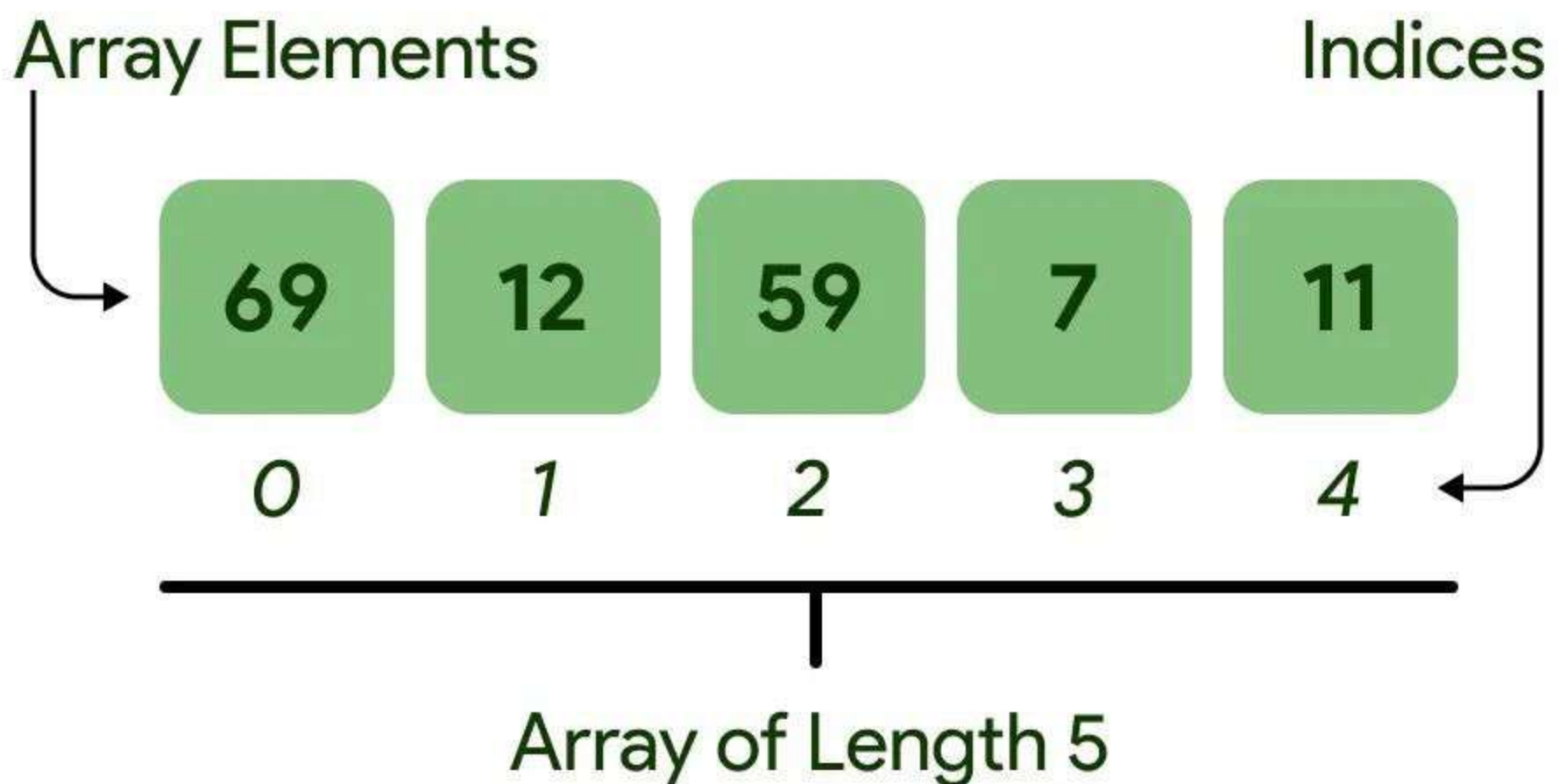


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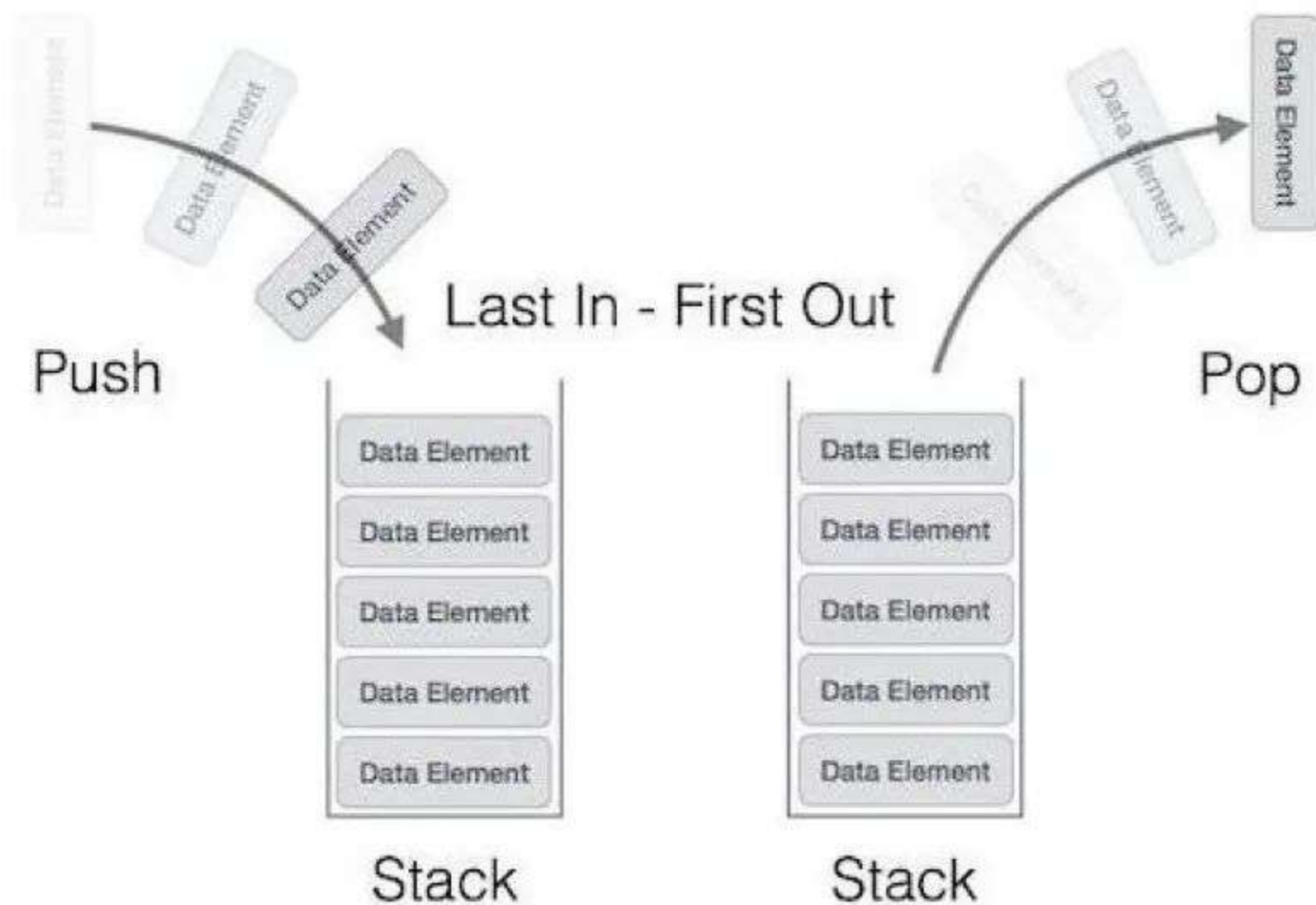
# Arrays

It is a collection of same data types (int, char, etc) stored in a data structure of fixed size



# Stack

It is a Data Structure in which the Last element added will be removed first





# Linked List

A linked list is a sequence of data structures, which are connected together via links



# Queue

first element added will be removed first

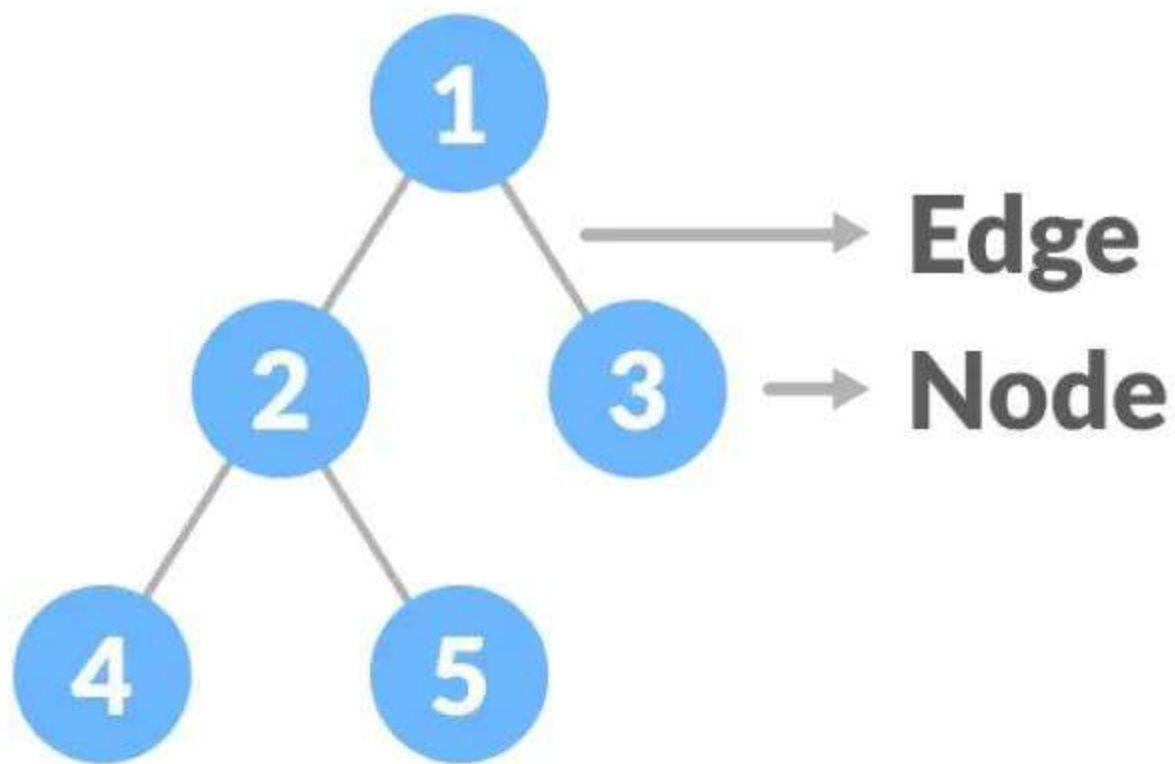
Enqueue - Adding elements from the back

Dequeue - Removing elements from the front



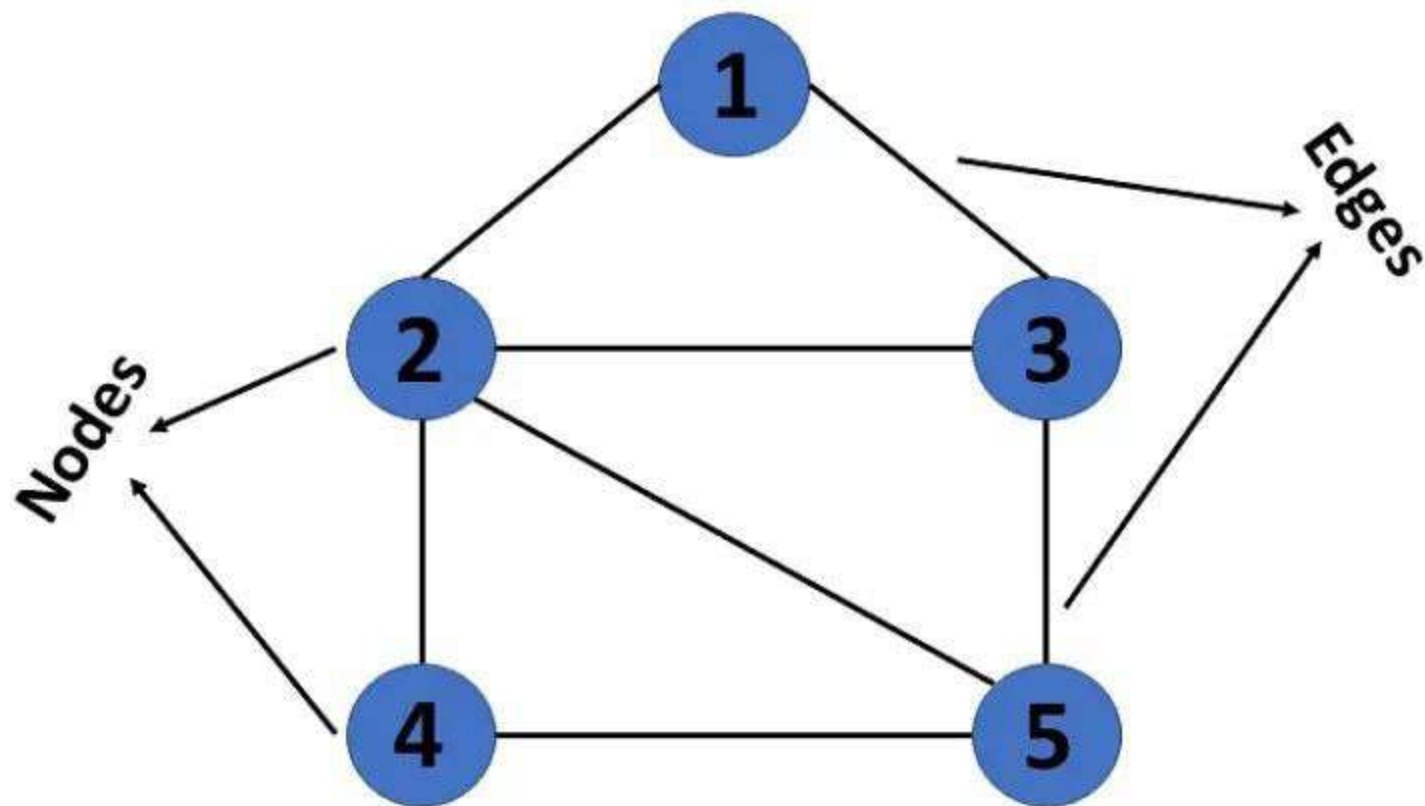
# Tree

A tree is a nonlinear hierarchical data structure that consists of nodes connected by edges



# Graphs

A graph data structure is a collection of nodes that have data and are connected to other nodes



# Hash Table

To search for a specific element, we will look at just a specific position. The element will be found there if it was kept there in the first place

**HashTable**

