**Notes**

Stacks

Add to the end and remove from the end

Can only access end of the stack

* empty():Returns true if stack is empty
* size():Returns the number of elements
* push(value):Adds a value to the end/top
* pop():Removes element at the end/top of the stack
* top():Returns the value at the end of the stack

Queue

Add to the start remove from the end

Functions

* empty(): Returns true if queue is empty
* size(): Returns the number of elements
* push(value): Adds value to the back of the queue (enqueue)
* pop(): Removes the front element of the queue (dequeue)
* front(): Returns the front value of the queue, without removing it Useful to add to the start easy in comparison to arrays

Usually implemented as a linked list

Double ended queue (deque)

* both ways queue
* pushback(value): Adds a value to the end
* popBack: Removes element from the end
* pushFront(value): Adds a value to the front
* popFront: Removes element front the front–back(): Return the element at the back