**Queue**

A queue is an ordered list of elements where an element is inserted at the end of the queue and is removed from the front of the queue. A queue works based on the first-in, first-out (FIFO) principle.

A queue has two main operations involving inserting a new element and removing an existing element.

The insertion operation is called enqueue, and the removal operation is called dequeue. The enqueue operation inserts an element at the end of the queue, whereas the dequeue operation removes an element from the front of a queue.

**Implementing a JavaScript queue using an array**

Example

function Queue () {

this elements = [];

}

The enqueue method add an element at the end of the queue.

Queue.prototype.enqueue = function(e){

this.elements.push (e);

};

The dequeue method remove an element from the front of the queue

Queue.prototype.dequeue = function(e){

this.elements.shift (e);

};