

Steque is a stack-ended queue which is a data type that implements push,pop and enqueue along with any other features that you wish to add to.

Operations of steque:

- Enqueue(Insert elements)
- Dequeue(Remove elements)
- Peek(get the front element of queue)
- isEmpty(check if the queue is empty)

A queue can be implemented using two stacks (stack1 and stack2). The basic idea is to use one stack for enqueue operations and the other stack for dequeue operations.

Enqueue Operation: Always push new elements onto stack1.

Dequeue Operation: If stack2 is empty, pop all elements from stack1 and push them onto stack2. Then pop the top element from stack2.

This method ensures that the oldest element is always at the top of stack2 when a dequeue operation is performed.