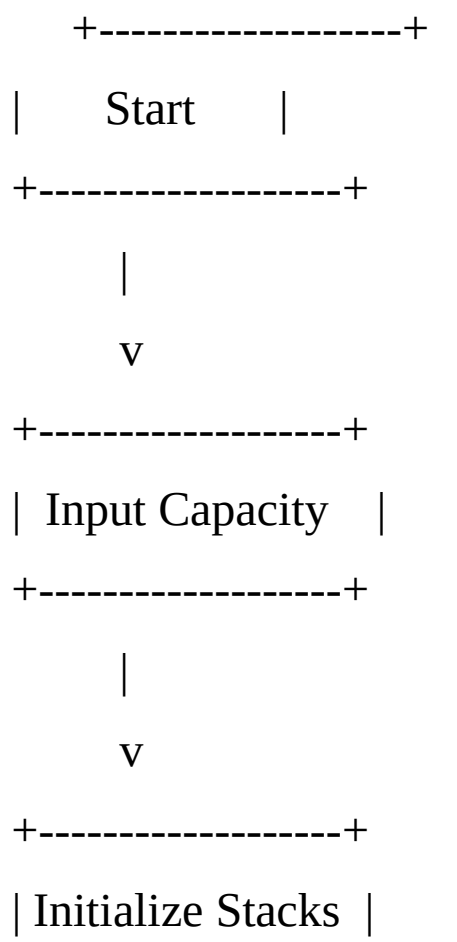
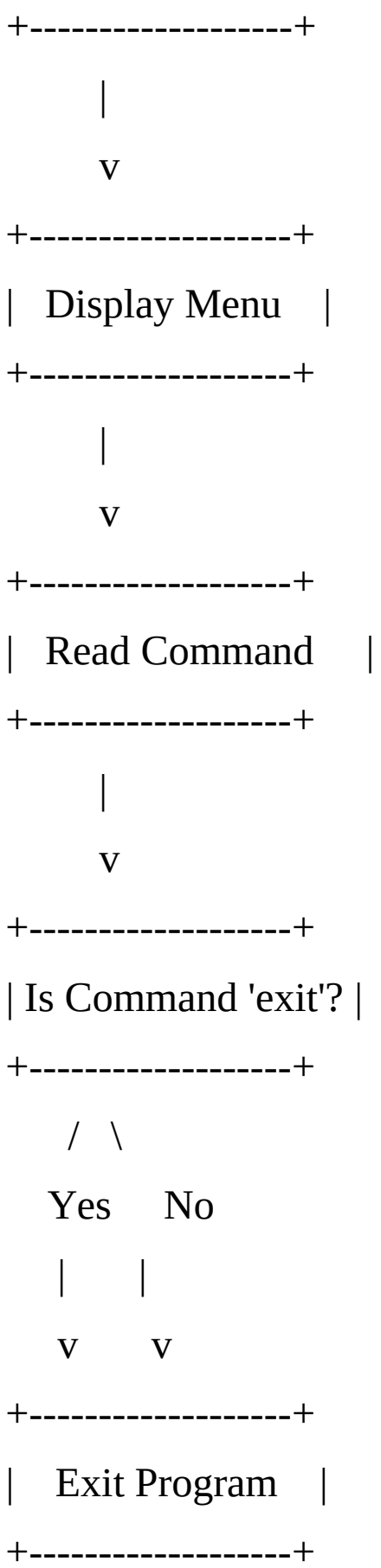
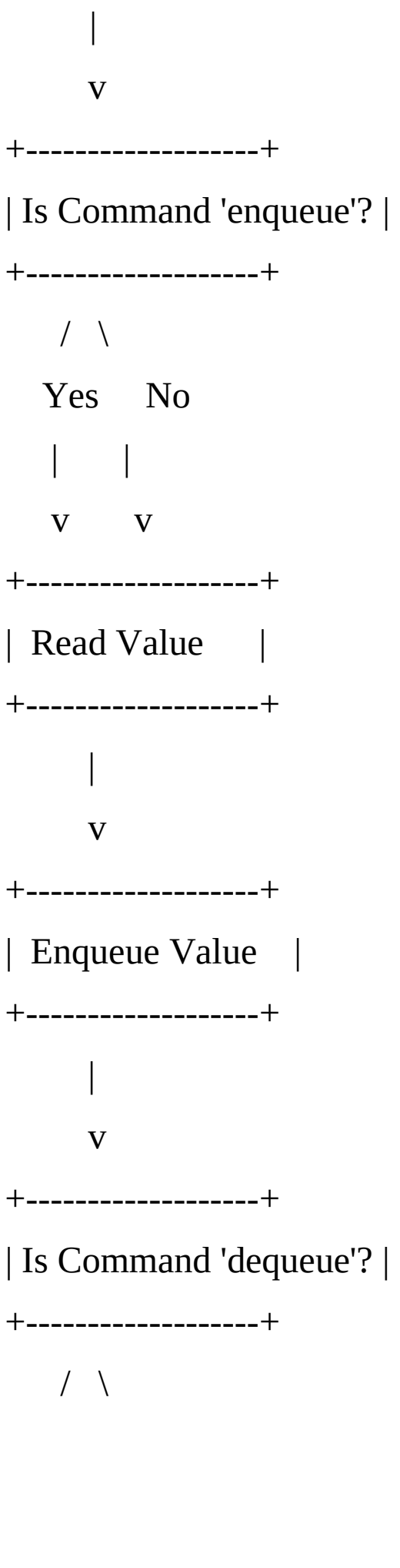
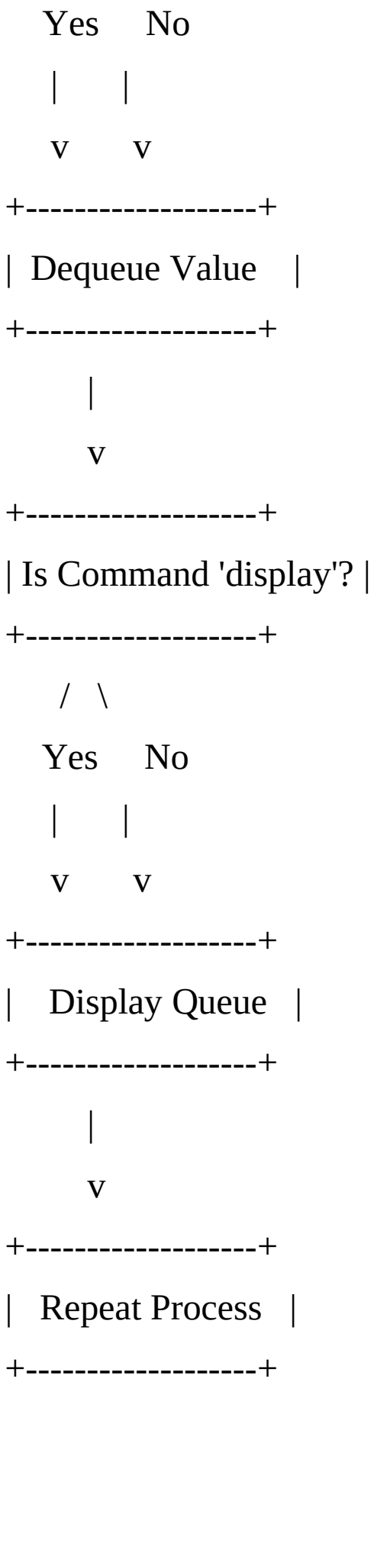
❖ Queue Using Stacks:

- Explanation- The problem is to implement a queue data structure using two stacks to achieve First In First Out (FIFO) behavior. By utilizing the LIFO properties of stacks, the enqueue operation pushes elements onto one stack, while the dequeue operation transfers elements to another stack to maintain the correct order. The implementation should provide methods for adding, removing, and displaying elements in the queue.
- Time Complexity- Enqueue: O(1)
  Dequeue: O(n)
  Display: O(n)
- Space Complexity- O(n)
- Flowchart-




Display Menu
Read Command
Is Command 'exit'?
Yes
No
Exit Program


Is Command 'enqueue'?
Yes
No
Read Value
Enqueue Value
Is Command 'dequeue'?


Yes
No
Dequeue Value
Is Command 'display'?
Yes
No
Display Queue
Repeat Process