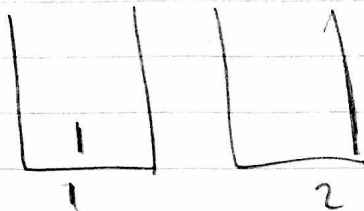


Queue: First IN First out

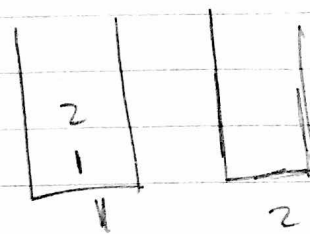
Stack:

Part A

1. enqueue

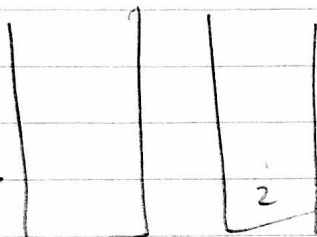


2. enqueue 2

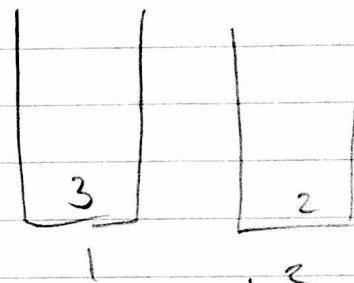


3. dequeue

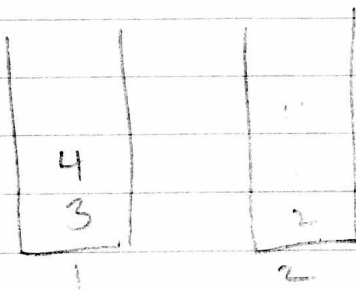
If stack 2 is empty, then pop entire stack, pushing each into stack 2.



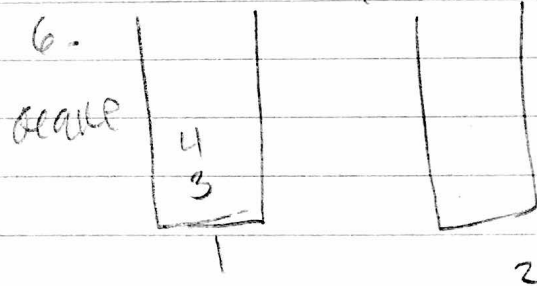
4. enqueue 3



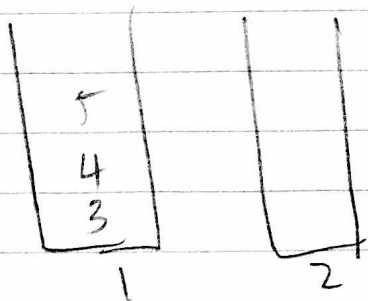
5. enqueue 4



6. dequeue



7. enqueue 5



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