

Practice Activity Number 10

Let's have a look at Stacks, Queues and Linked Lists.

1. Create a Stack, a Queue and a Linked List.

2. Add into each of them the following strings:

- John Smith
- Jane Smith
- Phillip Burton
- Fred Bloggs.

3. For the Stack and Queue:

- take the first value you can and remove it at the same time, and Output it.
- iterate through the values and output them (in other words, get each of the values without using Pop, Peek or Dequeue).
- Output whether the name "John Smith" is still included in the Stack and the Queue.

4. For the Linked List

- add the name "Paul Jones" before the name "Phillip Burton", and add the name "Sarah Jane" after "John Smith".
- iterate through the values.

Good luck.