n	LinkedList	DynamicArray
1000	2.501	3.206
2000	10.439	12.696
4000	41.932	50.608
8000	168.627	204.89
16000	673.346	850.338
32000	2712.51	3446.63
64000	11130.3	13897.5
128000	54025.4	55518.8
256000	263077	222109

Which of the implementations is the fastest?
It looks like the linked List implementation is faster until 64000 elements. After that, the Dynamic Array is faster.

Would you expect anything to change if the loop performed `removeBag` instead of contains? If so, what?
From simple runs I made, I think the Dynamic Array it would be faster. But the linked List would be the same time.