



< collectionMystery9

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✓ collectionMystery10 Favorite

Language/Type: Java [collections](#) [Stack](#) [Queue](#)**Author:** Marty Stepp (on 2017/06/23)

Write the output produced by the following method when passed each of the following stacks and ints.
Note: A stack displays/prints in {bottom ... top} order, and a queue displays in {front ... back} order.

```
public void collectionMystery10(Stack<Integer> stack, int n) {
    Stack<Integer> stack2 = new Stack<Integer>();
    Queue<Integer> queue = new LinkedList<Integer>();

    while (stack.size() > n) {
        queue.add(stack.pop());
    }
    while (!stack.isEmpty()) {
        int element = stack.pop();
        stack2.push(element);
        if (element % 2 == 0) {
            queue.add(element);
        }
    }
    while (!queue.isEmpty()) {
        stack.push(queue.remove());
    }
    while (!stack2.isEmpty()) {
        stack.push(stack2.pop());
    }

    println(stack);
}
```

{1, 2, 3, 4, 5, 6}, n=3

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{67, 29, 115, 84, 33, 71, 90}, n=5



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