

## Final Sample Question 2

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Given the following ListStack class definition complete the following definition.

```
class StackUnderflowException extends Exception {} // Custom checked exception

class ListNode {
    public int value;
    public ListNode next;
}

public class ListStack {
    private ListNode head;
    private int size = 0; // Number of elements in the list stack

    public int pop() throws StackUnderflowException {
        //removes and returns the top integer from the list stack
        //if you try to remove an element and one does not exist, throw the
        StackUnderflowException
        //if there is only one element, and you pop it, set the head to null

    }
}
```