```
                    StackGenerator


    + collectInput():String[]
    + createStack(String[]): Stack
    + main(): void
```

Plan Going into the Assignment:

        Thankfully the planning for this assignment was not greatly difficult. I knew I could keep my collectInput() function the same, as the creation of my array for use within createStack is not reliant on the LinkedList framework whatsoever.

        My plan going into this maintenance update was mainly to determine the viability of keeping my general method structure for the createLinkedList() function. Within my research, I found that the ListIterator class used within the Java Collections Framework maintains compatibility with the Stack class. Due to this, the only real change in terms of actual program structure was the initialization and returning of a Stack, rather than a LinkedList, which was a relatively quick change.

        For the Main() function, which serves mainly to prove that each function is outputting properly, the greatest change, again, was to accommodate Stacks rather than a LinkedList. This was a relatively quick change, and due to the Scanner class' ability to properly print out a Stack as well as a LinkedList, no other formal changes had to be made than the stackedNumbers initialization as a stack rather than LinkedList.

        Subsequently, I went back and updated all my documentation and variable names to reflect that the program is now creating a Stack, rather than a LinkedList. By having proper encapsulation during the last assignment, updating the generateLinkedList program to accommodate a Stack instead was relatively seamless.