**ReverseStackRecursion**

**Q:** Reverse a stack recursively that is, don't use loop constructs like for, while etc.

**Test Cases:**

**Input:** 1 2 3 4 5

**Output:** 5 4 3 2 1

**Input:** 9 8 7 6

**Output:** 6 7 8 9

**Algorithm:**

Step-1: Keep popping out the values from the stack till it gets empty

Step-2: Held these values by recursive calling

Step-3: After the stack gets empty insert the values which were on hold back in the bottom of the stack

**Example:**

Input 1 2 3 4 5

* Pop 1 and hold it in the recursive call.
* Pop 2 and hold it in the recursive call.
* Similarly call reverse() recursively and hold 3, 4, 5 in the recursive call.
* Insert them in the way they were on hold. i.e. 5 at the top, below it 4 and so on.