Problem 3

When the recursion producing the right adultion tits the innermost bese case, the eall stack will contain multiple stack frames corresponding to the recursive calls. As the innermost base case is reached, the recursion unwinds and the function calls start returning their values & the stack frames are popped of the stack.

heap:

| beffer in |
| teturn address |
| frame pointer |
| char & line |
| size + linesap |
| size + linesap |
| return address |
| lips range (- - - i return address |

The stock call contains two frames: "main" function stock frame shock frame, which is the current frame of hes the points printing to he and "lops range" function stack frame where the recursion hits the innertonest base case.
This frame contains a return address pointing to the line where the recursion call was made in "lps-range".

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