MATH 3430 Assignment 6

(Problem 1) (10 points)

Line	N	n	S	Next line to execute & reason
1	4	undef	undef	2, no branching
2	4	1	undef	3, no branching
3	4	1	0	4, no branching
4	4	1	0	5, since 1 < 4 is True do code block
5	4	1	1	6, no branching
6	4	2	1	4, last line in code block
4	4	2	1	5, since 2 < 4 is True do code block
5	4	2	4	6, no branching
6	4	3	4	4, last line in code block
4	4	3	4	5, since 3 < 4 is True do code block
5	4	3	9	6, no branching
6	4	4	9	4, last line in code block
4	4	4	9	7, since 4 < 4 is False do not do code block; skip block
7	4	4	9	None. Last line of the program.