



successive values of the working stack

<span style="border: 1px solid black; padding: 2px;">0</span>	1	1	1	1	1	1	1	1	<span style="border: 1px solid black; padding: 2px;">1</span>	
		2	2	2	2	2	2	2	<span style="border: 1px solid black; padding: 2px;">2</span>	
			3	3	3	3	3	3	<span style="border: 1px solid black; padding: 2px;">3</span>	
				4	4	4	4	4	<span style="border: 1px solid black; padding: 2px;">4</span>	
					5	5	<span style="border: 1px solid black; padding: 2px;">5</span>	8	<span style="border: 1px solid black; padding: 2px;">8</span>	
					6		<span style="border: 1px solid black; padding: 2px;">6</span>		<span style="border: 1px solid black; padding: 2px;">9</span>	
							<span style="border: 1px solid black; padding: 2px;">7</span>			

0  
1  
2  
3  
4  
5  
6

increasing rank  
↓