

Quiz 7. Suffix array construction

1. Explain the steps of the Larsson algorithm for suffix sorting. Fill-in intermediate results for each step.

$S = \text{banana}\$$

<i>b</i>	<i>a</i>	<i>n</i>	<i>a</i>	<i>n</i>	<i>a</i>	<i>\$</i>
0	1	2	3	4	5	6

3 steps of the suffix sorting algorithm

1-order

pos	0	1	2	3	4	5	6
rank							

2-order

pos	0	1	2	3	4	5	6
rank							

___-order

pos	0	1	2	3	4	5	6
rank							

2. Convert an array of ranks to the suffix array

	0	1	2	3	4	5	6
SA							