## Quiz 3. KMP

1. Fill in the missing values of the overlap function for pattern P=aaabbababaaaaa

1	2	3	4	5	6	7	8	9	10	11	12	13	14
a	a	а	b	b	a	b	a	b	a	a	а	а	a
0	1	2	0		1	0	1		1	2	3		

- 2. Consider the snapshot of a pattern vs text alignment during the KMP search. The 5 first characters of P and T were compared, and the character at position 6 does not match.
  - What is the start position (in *T*) of the next alignment of a pattern with a text?
  - Determine the position of the character in T to be compared next:

	1	2	3	4	5	6	7	8	9	10	11	12	13
T	a	a	b	a	a	<u>b</u>	а	b	a	a	а	a	a
P	а	а	b	а	а	а							