

00	p:	0	1	2	3	4	5	6	7	8	9	10	11	12	13
01	x[p]:	2	1	3	1	3	1	2	1	3	1	3	1	2	1
02	sa[p]:	13	11	5	9	3	7	1	12	6	0	10	4	8	2
03	lcp[p]:	0	1	3	1	5	3	7	0	2	8	0	4	2	6

04 计算 $\text{fp}(0, p)$, $p \in [0, n)$

$$05 \quad \text{fp}(0, 0) = \text{fp}(0, -1) * 101 + x[0] \bmod 197 = 2$$

$$06 \quad \text{fp}(0, 1) = \text{fp}(0, 0) * 101 + x[1] \bmod 197 = 6$$

$$07 \quad \text{fp}(0, 2) = \text{fp}(0, 1) * 101 + x[2] \bmod 197 = 18$$

08

$$09 \quad \text{fp}(0, p): \quad 2 \quad 6 \quad 18 \quad 46 \quad 118 \quad 99 \quad 151 \quad 83 \quad 112 \quad 84 \quad 16 \quad 41 \quad 6 \quad 16$$

10 计算并比较 $\text{sub}(\text{sa}[0], \text{sa}[0] + \text{lcp}[1] - 1)$ 和 $\text{sub}(\text{sa}[1], \text{sa}[1] + \text{lcp}[1] - 1)$ 的哈希值:

$$11 \quad \text{fp}(\text{sa}[1], \text{sa}[1] + \text{lcp}[1] - 1) = \text{fp}(0, 11) - \text{fp}(0, 10) * 101^1 \bmod 197 = 1$$

$$12 \quad \text{fp}(\text{sa}[0], \text{sa}[0] + \text{lcp}[1] - 1) = \text{fp}(0, 13) - \text{fp}(0, 12) * 101^1 \bmod 197 = 1$$

13 计算并比较 $\text{sub}(\text{sa}[1], \text{sa}[1] + \text{lcp}[2] - 1)$ 和 $\text{sub}(\text{sa}[2], \text{sa}[2] + \text{lcp}[2] - 1)$ 的哈希值:

$$14 \quad \text{fp}(\text{sa}[2], \text{sa}[2] + \text{lcp}[2] - 1) = \text{fp}(0, 7) - \text{fp}(0, 4) * 101^3 \bmod 197 = 160$$

$$15 \quad \text{fp}(\text{sa}[1], \text{sa}[1] + \text{lcp}[2] - 1) = \text{fp}(0, 13) - \text{fp}(0, 10) * 101^3 \bmod 197 = 160$$

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