

00	<i>p</i> :	0	1	2	3	4	5	6	7	8	9	10	11	12	13
01	<i>x</i> [<i>p</i>]:	2	1	3	1	3	1	2	1	3	1	3	1	2	1
02	<i>sa</i> [<i>p</i>]:	13	11	5	9	3	7	1	12	6	0	10	4	8	2
03	<i>lcp</i> [<i>p</i>]:	0	1	3	1	5	3	7	0	2	8	0	4	2	6
04	Compute $\text{fp}(0, p)$ for $p \in [0, n)$:														
05		$\text{fp}(0, 0) = \text{fp}(0, -1) \cdot 101 + x[0] \bmod 197 = 2,$													
06		$\text{fp}(0, 1) = \text{fp}(0, 0) \cdot 101 + x[1] \bmod 197 = 6,$													
07		$\text{fp}(0, 2) = \text{fp}(0, 1) \cdot 101 + x[2] \bmod 197 = 18,$													
08														
09	$\text{fp}(0, p)$:	2	6	18	46	118	99	151	83	112	84	16	41	6	16
10	For $\text{suf}(\text{sa}[0])$ and $\text{suf}(\text{sa}[1])$:														
11		$\text{fp}(\text{sa}[1], \text{sa}[1] + \text{lcp}[1] - 1) = fp(11) - fp(10) \cdot 101^1 \bmod 197$													
12		$= 1$													
13		$\text{fp}(\text{sa}[0], \text{sa}[0] + \text{lcp}[1] - 1) = fp(13) - fp(12) \cdot 101^1 \bmod 197$													
14		$= 1$													
15	For $\text{suf}(\text{sa}[1])$ and $\text{suf}(\text{sa}[2])$:														
16		$\text{fp}(\text{sa}[2], \text{sa}[2] + \text{lcp}[2] - 1) = fp(7) - fp(4) \cdot 101^3 \bmod 197$													
17		$= 160$													
18		$\text{fp}(\text{sa}[1], \text{sa}[1] + \text{lcp}[2] - 1) = fp(13) - fp(10) \cdot 101^3 \bmod 197$													
19		$= 160$													
20														