|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 00 | : | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 01 | : | 2 | 1 | 3 | 1 | 3 | 1 | 2 | 1 | 3 | 1 | 3 | 1 | 2 | 1 |
| 02 | : | L | S\* | L | S\* | L | S\* | L | S\* | L | S\* | L | S\* | L | L |
| 03 | : | 11 | 5 | 9 | 3 | 7 | 1 |  |  |  |  |  |  |  |  |
| 04 | Insert the sorted S\*-type suffixes into : | | | | | | | | | | | | | | |
| 05 | bucket: | 1 | | | | | | | 2 | | | 3 | | | |
| 06 | : | {-1 | 11 | 5 | 9 | 3 | 7 | 1} | {-1 | -1 | -1} | {-1 | -1 | -1 | -1} |
| 07 | Sort L-type suffixes: | | | | | | | | | | | | | | |
| 08 | : | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {-1 | -1 | -1} | {-1 | -1 | -1 | -1} |
| 09 |  | ^ |  |  |  |  |  |  | ^ |  |  | ^ |  |  |  |
| 10 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | -1 | -1} | {-1 | -1 | -1 | -1} |
| 11 |  | @^ |  |  |  |  |  |  |  | ^ |  | ^ |  |  |  |
| 12 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | -1 | -1} | {10 | -1 | -1 | -1} |
| 13 |  | ^ | @ |  |  |  |  |  |  | ^ |  |  | ^ |  |  |
| 14 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | -1 | -1} | {10 | 4 | -1 | -1} |
| 15 |  | ^ |  | @ |  |  |  |  |  | ^ |  |  |  | ^ |  |
| 16 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | -1 | -1} | {10 | 4 | 8 | -1} |
| 17 |  | ^ |  |  | @ |  |  |  |  | ^ |  |  |  |  | ^ |
| 18 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | -1 | -1} | {10 | 4 | 8 | 2} |
| 19 |  | ^ |  |  |  | @ |  |  |  | ^ |  |  |  |  | ^ |
| 20 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | 6 | -1} | {10 | 4 | 8 | 2} |
| 21 |  | ^ |  |  |  |  | @ |  |  |  | ^ |  |  |  | ^ |
| 22 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 23 |  | ^ |  |  |  |  |  | @ |  |  | ^ |  |  |  | ^ |
| 24 | Sort S-type Suffixes: | | | | | | | | | | | | | | |
| 25 |  | {13 | -1 | -1 | -1 | -1 | -1 | -1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 26 |  |  |  |  |  |  |  | ^ |  |  | ^ |  |  |  | ^ |
| 27 |  | {13 | -1 | -1 | -1 | -1 | -1 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 28 |  |  |  |  |  |  | ^ |  |  |  | ^ |  |  |  | @^ |
| 29 |  | {13 | -1 | -1 | -1 | -1 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 30 |  |  |  |  |  | ^ |  |  |  |  | ^ |  |  | @ | ^ |
| 31 |  | {13 | -1 | -1 | -1 | 3 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 32 |  |  |  |  | ^ |  |  |  |  |  | ^ |  | @ |  | ^ |
| 33 |  | {13 | -1 | -1 | 9 | 3 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 34 |  |  |  | ^ |  |  |  |  |  |  | ^ | @ |  |  | ^ |
| 35 |  | {13 | -1 | -1 | 9 | 3 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 36 |  |  |  | ^ |  |  |  |  |  |  | @^ |  |  |  | ^ |
| 37 |  | {13 | -1 | 5 | 9 | 3 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 38 |  |  | ^ |  |  |  |  |  |  | @ | ^ |  |  |  | ^ |
| 39 |  | {13 | 11 | 5 | 9 | 3 | 7 | 1} | {12 | 6 | 0} | {10 | 4 | 8 | 2} |
| 40 |  | ^ |  |  |  |  |  |  | @ |  | ^ |  |  |  | ^ |