

la

$j =$	0	1	2	3	4
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$y[j] =$	a	b	a	b	a
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$i=0$	$R_0[j]$	0	1	0	1	0
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$i=1$	$R_1[j]$	(0,1)	(1,0)	(0,1)	(1,0)	(0,-)
		1	2	1	2	0

$i=2$	$R_2[j]$	(1,1)	(2,2)	(1,0)	(2,-)	(0,-)
		2	4	1	3	0

i	$SA[i]$	Suffix	$LCP[i]$
0	4	a	0
1	2	aba	1
2	0	ababa	3
3	3	ba	0
4	1	baba	2

1b

$j = 0 \ 1 \ 2 \ 3 \ 4 \ 5 \ 6 \ >$

$g[f] = a \ b \ c \ a \ c \ a \ b \ b$

$i=0 \ R_0[f] = 0 \ 1 \ 2 \ 0 \ 2 \ 0 \ 1 \ 1$

$i=1 \ R_1[f] = (0,1) (1,2) (2,0) (0,2) (2,0) (0,1) (1,1) (1,-)$

0 4 5 1 5 0 3 2

$i=2 \ R_2[f] = (0,5) (4,1) (5,5) (1,0) (5,3) (0,2) (3,-) (2,-)$

1 5 7 2 6 0 4 3

$i \ SA[i] \ Suffix \ LCP$

0	5	abb	0
1	0	abcacabb	2
2	3	acabb	1
3	7	b	0
4	6	bb	1
5	1	bcacabb	1
6	4	cabb	0
7	2	cacabb	2

lc

$j =$	0	1	2	3	4	5	6	7	8	9
$y[j] =$	a	b	c	a	c	a	b	a	b	c
$R_0[j] =$	0	1	2	0	2	0	1	0	1	2
$R_1[j] =$	(0,1)	(1,2)	(2,0)	(0,2)	(2,0)	(0,1)	(1,0)	(0,1)	(1,2)	(2,-)
	0	3	5	1	5	0	2	0	3	4
$R_2[j] =$	(0,5)	(3,1)	(5,5)	(1,0)	(5,2)	(0,0)	(2,3)	(0,4)	(3,-)	(4,-)
	2	6	9	3	8	0	4	1	5	7

i	$SAC[i]$	$Prefix$	LCP
0	5	ababc	0
1	7	abc	2
2	0	abcacababc	3
3	3	acababc	1
4	6	babc	0
5	8	bc	0
6	1	bcaacababc	2
7	9	c	0
8	4	cababc	1
9	2	cacababc	2

Id

j:	0	1	2	3	4	5	6	7	8	9
$g[j]$:	a	b	a	c	a	b	a	c	a	b
$R_0[j]$:	0	1	0	2	0	1	0	2	0	1
$R_1[j]$:	(0,1)	(1,0)	(0,2)	(2,0)	(0,1)	(1,0)	(0,2)	(2,0)	(0,1)	(1,-)
	0	3	1	4	0	3	1	4	0	2
$R_2[j]$:	(0,1)	(3,4)	(1,0)	(4,3)	(0,1)	(3,4)	(1,0)	(4,2)	(0,-)	(2,-)
	1	4	2	6	1	4	2	5	0	3
$R_3[j]$:	(1,1)	(4,4)	(2,2)	(6,5)	(1,0)	(4,3)	(2,-)	(5,-)	(0,-)	(3,-)
	2	7	4	9	1	6	3	8	0	5

i	SA[i]	Suffix	LCP
0	8	a ^b	0
1	4	abacab	2
2	0	abacabacab	6
3	6	acab ^b	1
4	2	acab acab	4
5	9	b	0
6	5	bacab	1
7	1	bacab acab	5
8	7	cab ^b	0
9	3	cabacab	3