

	a	c	a	b	c	c	a	b	a
b	0	0	0	1	1	1	1	2	2
c	0	1	1	1	2	2	2	2	2
a	1	1	2	2	2	2	3	3	3
a	1	1	2	2	2	2	3	3	4
b	1	1	2	3	3	3	3	4	4
a	1	1	2	3	3	3	4	4	5
c	1	2	2	3	4	4	4	4	5
c	1	2	2	3	4	5	5	5	5

LCS = 5