

ABC example	filterBeforeSearch	searchBeforeSort	filterBeforeSort	
	AbeforeB	BbeforeC	AbeforeC	sequence ABC
case 0	0	0	0	cba
case 1	0	0	1	
case 2	0	1	0	bca
case 3	0	1	1	bac
case 4	1	0	0	cab
case 5	1	0	1	acb
case 6	1	1	0	
case 7	1	1	1	abc