

① $s = \text{"ACAATCC"}$
 $t = \text{"AGCATGC"}$

		A	G	C	A	T	G	C
	0	1	2	3	4	5	6	7
A	1	0	1	2	3	4	5	6
C	2	1	1	1	2	3	4	5
A	3	2	2	2	1	2	3	4
A	4	3	3	3	2	2	3	4
T	5	4	4	4	3	2	3	4
C	6	5	5	4	4	3	3	3
C	7	6	6	5	5	4	4	3

Traci: 1. REPLACE($s[5]$, 'G') $\rightarrow s = \text{"ACAATGC"}$
 2. REPLACE($s[2]$, 'C') $\rightarrow s = \text{"ACCATGC"}$
 3. REPLACE($s[1]$, 'G') $\rightarrow s = \text{"AGCATGC"} = t$