items

	i_1	i_2	i_3	...	i_n
t_1	0	1	0	...	1
t_2	0	1	0	...	1
t_3	0	1	0	...	0
t_4	0	0	0	...	0
.	.	.	.		.
.	.	.	.		.
.	.	.	.		.
t_{m-1}	1	0	0	...	1
t_m	0	0	1	...	1

transactions

	transaction ID lists
i_1	$t_5, t_{14}, t_{42}, ...$
i_2	$t_1, t_2, t_3, ...$
i_3	$t_{212}, t_{805}, t_{2210}, ...$
i_4	$t_5, t_7, t_{14}, t_{401}, ...$
.	
.	
.	
i_{n-1}	$t_1, t_{14}, t_{42}, t_{401}, ...$
i_n	$t_1, t_2, t_{54}, t_{100}, ...$

items

(a)   (b)