		0	1	2	3
0	0 0				
1	0 0 1 0 2 0 3 1				
2	0 2				
3	0				
4	1 0				
5	1				
6	1 2				
7	1 3				
8	2				
9	1 1 2 1 3 2 0 2 1 2 2 2 2 2 3				
10	2				
11	2				

