



Table	
# on graph	condition for transition
1	$xb = 0$
2	$xb = 15$
3	$y = 0$
4	$y = 7$
5	$xb = 1, y = \text{raq1}$
6	$xb = 1, y = \text{raq1} + 1$
7	$xb = 1, y = \text{raq1} + 2$
8	$xb = 14, y = \text{raq2}$
9	$xb = 14, y = \text{raq2} + 1$
10	$xb = 14, y = \text{raq2} + 2$





