13	4	6	10	8	14	13	4	5	9	7	13	4	1
s_1	s_2	s_3	s_4	s_5	s_6	s_7	s_8	s_9	s_{10}	s_{11}	s_{12}	s_{13}	s_{14}
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
c	a	a	b	a	c	c	a	a	b	a	c	a	a
a	a	b	a	c	c	a	a	b	a	c	a	a	
a	b	a	c	c	a	a	b	a	c	a	a		
b	a	c	c	a	a	b	a	c	a	a			
a	c	c	a	a	b	a	c	a	a				
c	c	a	a	b	a	c	a	a					
c	a	a	b	a	c	a	a						
a	a	b	a	c	a	a							
a	b	a	c	a	a								
b	a	c	a	a									
a	c	a	a										
c	a	a											
a	a												
a													