code

```
5    jeqzn   r2 18
6    addn    r15 1
7    storer  r2 r15
8    addn    r15 1
9    storer  r14 r15
10   addn    r2 -1
11   calln   r14 5
12   loadr   r14 r15
13   addn    r15 -1
14   loadr   r2 r15
15   addn    r15 -1
16   mul     r1 r1 r2
17   jumpr   r14

18   setn    r1 1
19   jumpr   r14
```

instruction	r1	r2	r14	r15
		3	3	100
6 addn r15 1		3	3	101
7 storer r2 r15		3	3	101
8 addn r15 1		3	3	102
9 storer r14 r15		3	3	102
10 addn r2 -1		2	3	102
11 calln r14 5		2	12	102
6 addn r15 1		2	12	103
7 storer r2 r15		2	12	103
8 addn r15 1		2	12	104
9 storer r14 r15		2	12	104
10 addn r2 -1		1	12	104
11 calln r14 5		1	12	104
6 addn r15 1		1	12	105
7 storer r2 r15		1	12	105
8 addn r15 1		1	12	106
9 storer r14 r15		1	12	106
10 addn r2 -1		0	12	106
11 calln r14 5		0	12	106
18 setn r1 1	1	0	12	106
12 loadr r14 r15	1	0	12	106
13 addn r15 -1	1	0	12	105
14 loadr r2 r15	1	1	12	105
15 addn r15 -1	1	1	12	104
16 mul r1 r1 r2	1	1	12	104
12 loadr r14 r15	1	1	12	104
13 addn r15 -1	1	1	12	103
14 loadr r2 r15	1	2	12	103
15 addn r15 -1	1	2	12	102
16 mul r1 r1 r2	2	2	12	102
12 loadr r14 r15	2	2	3	102
13 addn r15 -1	2	2	3	101
14 loadr r2 r15	2	3	3	101
15 addn r15 -1	2	3	3	100
16 mul r1 r1 r2	6	3	3	100

memory

...	100	101	102	103	104	105	106	...
		3						
		3						
		3	3					
		3	3					
		3	3					
		3	3					
		3	3	2				
		3	3	2				
		3	3	2	12			
		3	3	2	12			
		3	3	2	12			
		3	3	2	12			
		3	3	2	12	1		
		3	3	2	12	1		
		3	3	2	12	1	12	
		3	3	2	12	1	12	
		3	3	2	12	1	12	
		3	3	2	12	1	12	
		3	3	2	12	1	12	
		3	3	2	12	1		
		3	3	2	12	1		
		3	3	2	12			
		3	3	2	12			
		3	3	2	12			
		3	3	2				
		3	3	2				
		3	3					
		3	3					
		3	3					
		3						
		3						