

Q Arrange buildings

$n = 3$ — ... (25)

B	S	B
B	S	B

- ① B S B ② B S B
 B S B S B S
- ③ B S B ④ S B S
 S S S B S B

$n = 2$

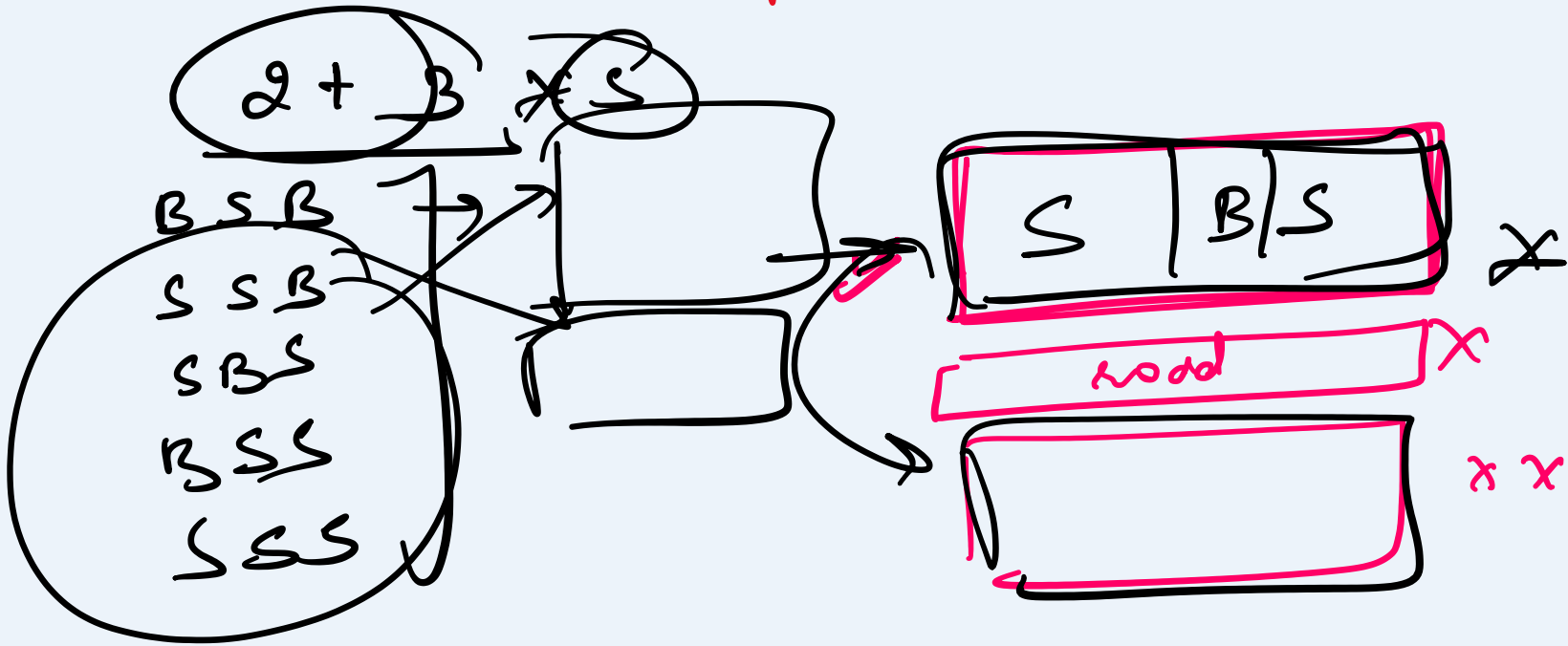
B	S
B	S

- ① B S ③ S B
 B S B S
- ② B S ④ S B
 S S S S
- ⑤ B S ⑤ S B
 S B S B

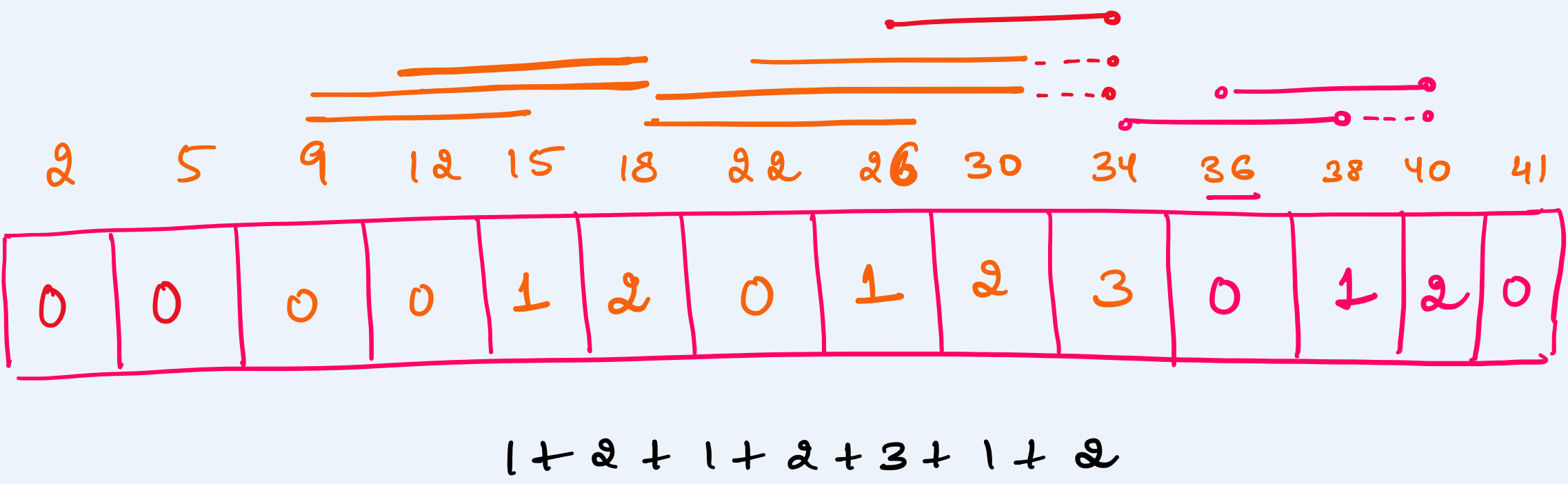
$n = 1$

	0	1	2	3	4	5
B	0	B	S B ①	B S B ②	3	5
S	0	S	B S ②	S S ③	5	8

$n = 5$



Q Arithmetic slices



Q Count Binary string with no consecutive 0's.

$n = 3$

111, 101, 010, 011

	0	1	2	3	4	5	6
0	0	0	1	1	2	3	5
1	0	1	1	2	3	5	8

(21)

Q Gold mine problem

Inp :

1	3	1	5
2	2	4	1
5	0	2	3
0	6	1	2

max

12	10	6	5
13	11	9	1
16	9	5	3
11	11	4	2