

“FlatLand”

ICL1902

(Codechef)

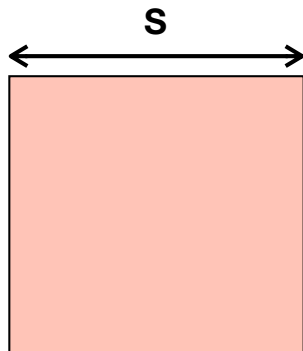
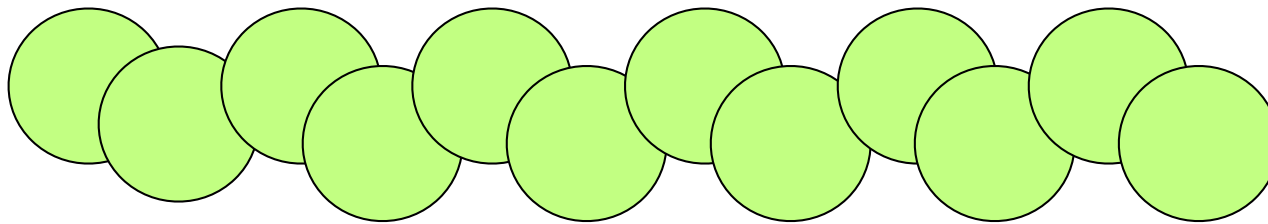


By Prince Agarwal
[“ Hello World ”]

FLATLAND

2-D World

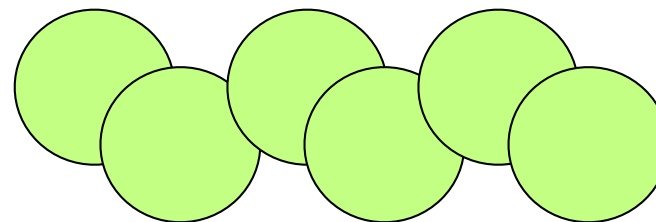
There are 'n' circles



It requires



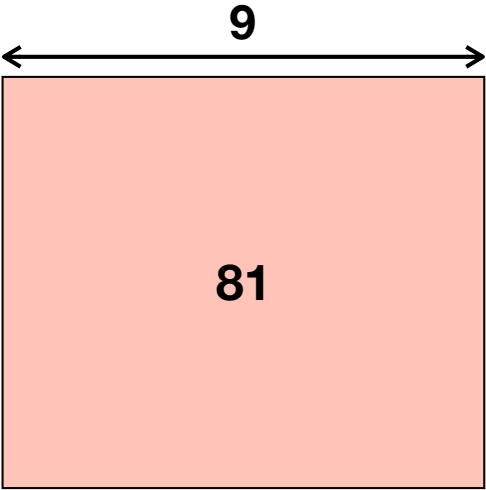
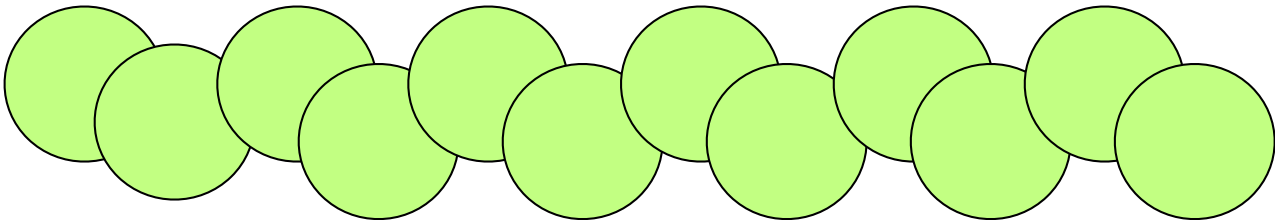
s^2



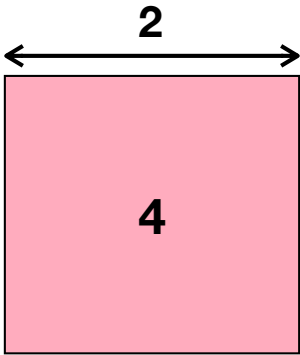
FLATLAND

2-D World

There are 'n' circles = 85

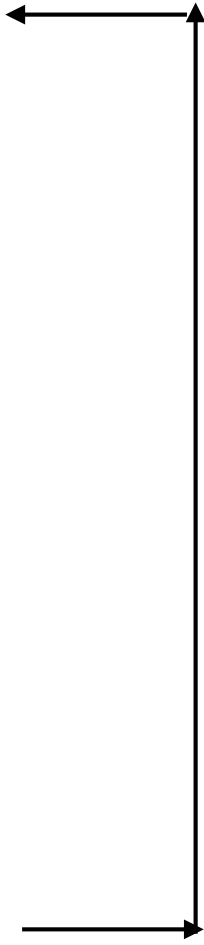


Remaining circle = 4



Total = 81+4 =

Ans = 2



FLATLAND

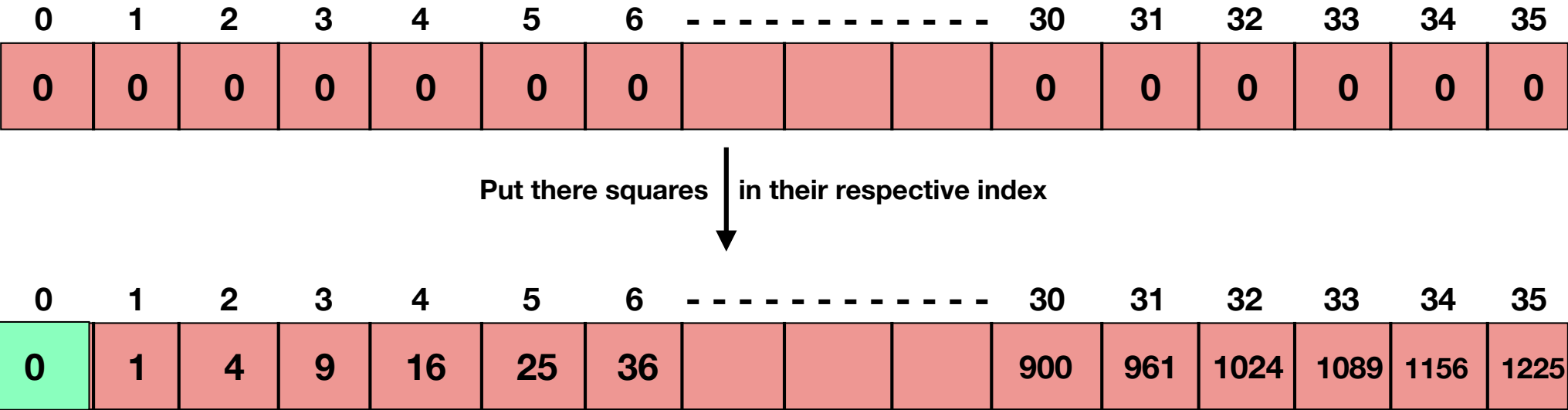
Comes on the relation,

$n = 85$

We have to find the perfect square's numbers which is smaller than 'n'

Now, range of $N = 1000$

It means, we have to find the perfect squares number which is smaller than 1000



FLATLAND

Comes on the Calculation,

0	1	2	3	4	5	6	- - - - -	30	31	32	33	34	35		
0	1	4	9	16	25	36				900	961	1024	1089	1156	1225

n= 85

→ We have to find, perfect square which is smaller than or equal to 85

→ i=9 => 81

→ It means, One square is formed , so that count =1

→ n= 85-81= 4

n= 4

→ We have to find, perfect square which is smaller than or equal to 4

→ i=2 => 4

→ It means, another square is formed , so that count =2

→ n= 4-4= 0

Answer = 2

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Hello World

*“ If you feel any problem then comments in my video
I will reply as soon as possible “*

- Prince Agarwal