hackerearth

09 : 52 : 50
HRS MIN SEC
Finish Test

Latihan Hello World

LIVE

Dec 22, 2021, 12:00 PM WIB

INSTRUCTIONS PROBLEMS SUBMISSIONS LEADERBOARD ANALYTICS JUDGE

← Problems / Cellular Automata

Cellular Automata

Max. score: 30

A life simulation can simulate the life of several existing cells. Every 2 existing old cells, a new cell will appear. Count the number of cells in the expected generation!

Input Format
Initial cells
Expected generations

Output Format
Number of cells in the expected generations

SAMPLE INPUT

```
6
5
```

SAMPLE OUTPUT

```
28
```

Explanation

With 6 cells in the initial time or first generation, there will be 9 cells at the second generation, 13 at the third, 19 at the 4th and 28 cells at the fifth generation

Time Limit:	5.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Score is assigned if any testcase passes.
Allowed Languages:	Python 3.8

CODE EDITOR

Save Python 3.8 (python 3.8.2)

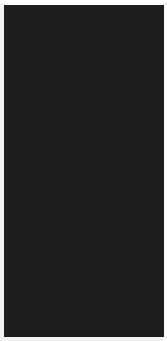
```
'''
# Sample code to perform I/O:

name = input()                  # Reading input from STDIN
print('Hi, %s.' % name)         # Writing output to STDOUT

# Warning: Printing unwanted or ill-formatted data to output will cause the test cases to fai
'''

# Write your code here
```

```
11
```



1:1 vscode

Test against custom input

Compile & Test code | Submit code

Warning: Copy & Paste in code editor is not allowed for this challenge. If you think this is an issue, please contact administrator at hanson.prihantoro@live.com.
Tip: You can submit any number of times you want. Your best submission is considered for computing total score.
Support: For any queries or issues, write to hanson.prihantoro@live.com.

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