Hi all,

Questionnaire Results

"Have you ever participated in ACM-ICPC contests?"

56% - Yes

44% - No

"Do you plan to participated in ACM-ICPC 2018?"

44% - Yes

6% - No

50% - Maybe

"What activities/events are you interested in?"

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HHHHHHHHHHackathons

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are you interested in?"
HHHHHHHHHHackathons
OOOOOOOOpen source projects

"What activities/events
are you interested in?"

HHHHHHHHHHackathons

OOOOOOOpen source projects

AAAAAAAAAAAAAAAAAAAlgorithm competitions

"What activities/events
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OOOOOOOpen source projects

AAAAAAAAAAAAAAAAAAAlgorithm competitions

SP2018 Schedule

2/10 2/17 2/24

3/3 3/10 3/17 3/24 3/31

4/7 4/14 4/21

Activities

Activities

Lectures

Activities

Lectures

Weekly Challenge

ACM and Computer Science

Wally Yang


B612

Weekly Challenge #0 Review

Inverse Factorial

Alex Li

Inverse Factorial

Inverse .....

Inverse Fibonacci

Let's have a try!

Given the value of Fib(n)
Can you write a program to
find the value of n?
The 1st..5th Fibonacci numbers are:
1, 1, 2, 3, and 5

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 1...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 15...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 154...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 1545...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 15455...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 154554...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 1545546...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 15455463...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 154554635...

n = ? (hint: $(n)_{16}$ has some meaning)

Submission: http://bit.do/acm0210

Fib(1) = 1

Fib(2) = 1

Fib(3) = 2

...

Fib(n) = 1545546358...

n = ? (hint: $(n)_{16}$ has some meaning)

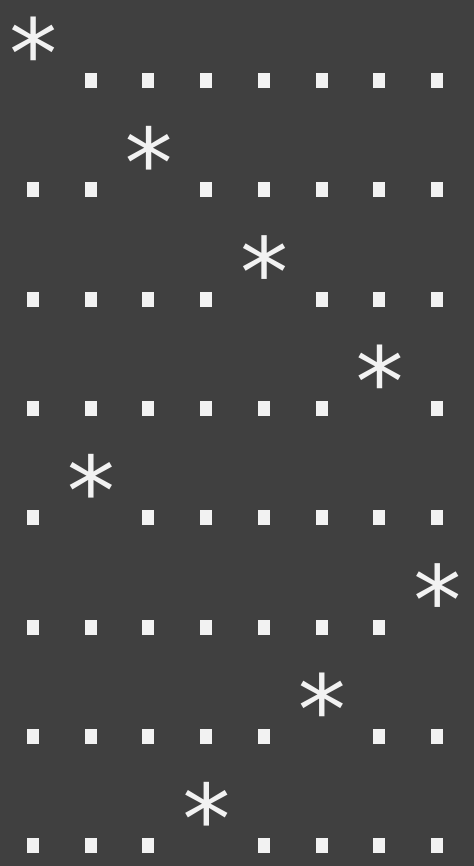
Weekly Challenge #1

Laurence Liu

Eight Queens

- Place eight queens on an 8x8 chessboard
- No queen can attack another
- Your job is to verify a solution to the puzzle

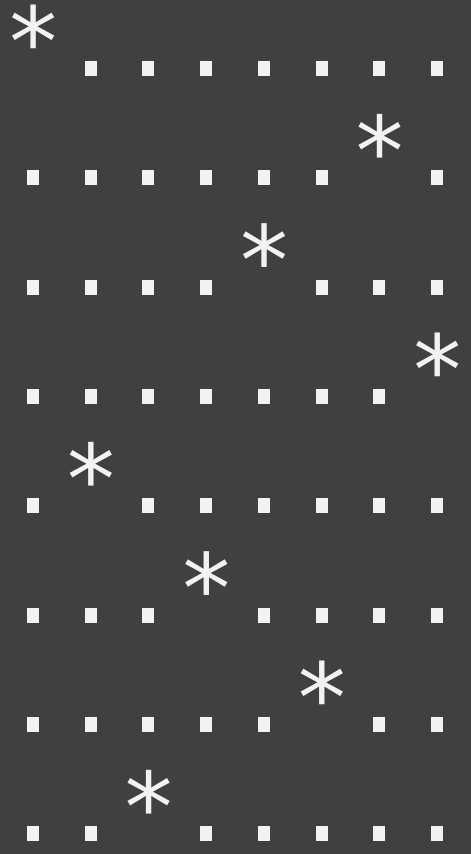
Sample Input



Sample Output

```
Invalid
```

Sample Input



Sample Output

```
valid
```