

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
do you interested in?"

"What activities/events
do you interested in?"

HHHHHHHHHHHackathons

"What activities/events
do you interested in?"

HHHHHHHHHackathons

OOOOOOOpen source projects

"What activities/events
do you interested in?"

HHHHHHHHHackathons

OOOOOOOpen source projects

AAAAAAAAAAAAAAAAAlgorithm competitions

"What activities/events
do you interested in?"

HHHHHHHH Hackathons

OOOOOOO Open source projects

AAAAAAAAAAAAAAAAAAAA Algorithm 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 $\text{Fib}(n)$

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>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 1...$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 15...$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 154...$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 1545...$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$\text{Fib}(1) = 1$

$\text{Fib}(2) = 1$

$\text{Fib}(3) = 2$

...

$\text{Fib}(n) = 15455\dots$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 154554...$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 1545546...$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$\text{Fib}(1) = 1$

$\text{Fib}(2) = 1$

$\text{Fib}(3) = 2$

...

$\text{Fib}(n) = 15455463\dots$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 154554635\dots$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Submission: <http://bit.do/acm0210>

$$\text{Fib}(1) = 1$$

$$\text{Fib}(2) = 1$$

$$\text{Fib}(3) = 2$$

...

$$\text{Fib}(n) = 1545546358\dots$$

$n = ?$ (hint: $\text{hex}(n)$ has some meaning)

Weekly Challenge #1

Laurence Liu