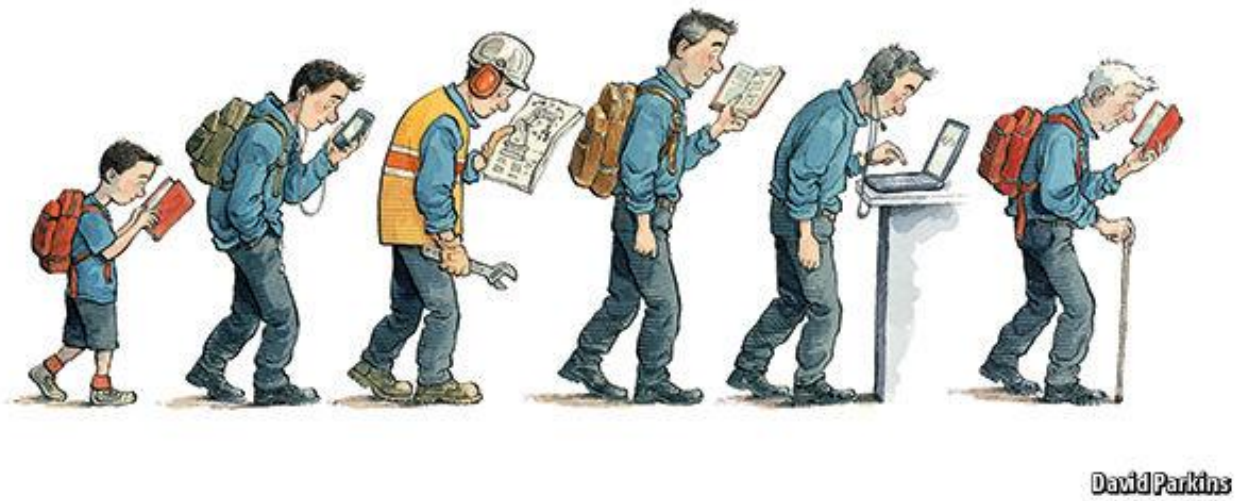
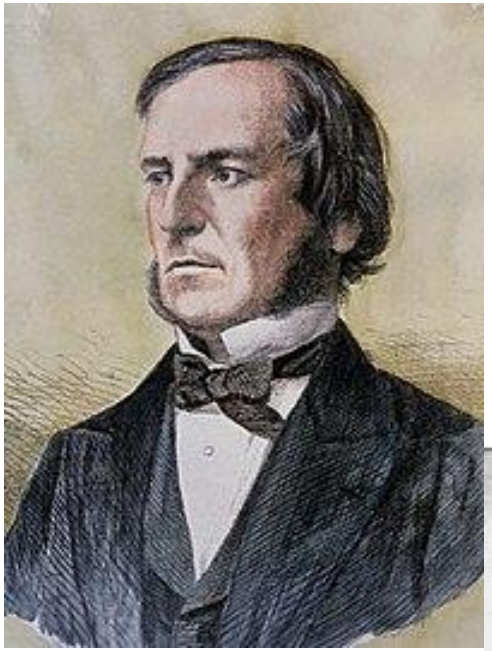
How Gifted Students Learn in Classroom?



Chee Wei Tan

Teaching students how to learn in the world of “Fingertip Knowledge”

What do they share in common?



自主學習, 無師自通

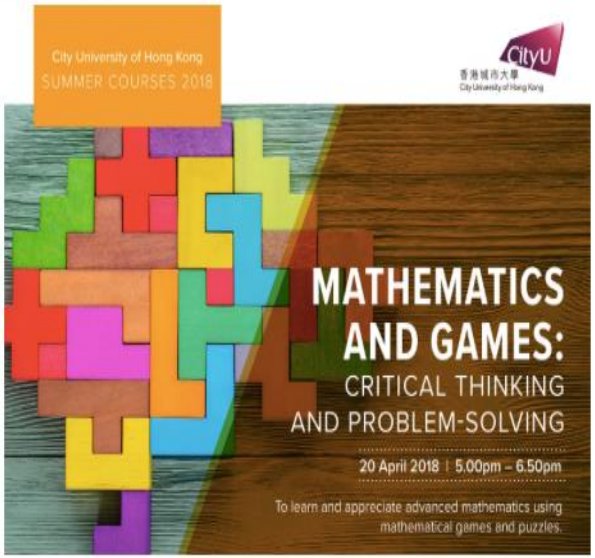
Autodidacticism (also **autodidactism**) or **self-education** (also **self-learning** and **self-teaching**) is education without the guidance of masters (such as teachers and professors) or institutions (such as schools). Generally, an autodidact is an individual who chooses the subject they will study, their studying material, and the studying rhythm and time.

Julia Robinson Mathematics Festival

http://www.algebragamification.com/jrmf/

TAE 2018

MATHEMATICS AND GAMES: CRITICAL THINKING AND PROBLEM-SOLVING



Programme Details

Instructor:	Dr Tan Chee Wei (Department of Computer Science)
Target Participant:	S1 – S3 and HKAGE student members
Medium of instruction:	English

Schedule

20 April 2018
5:00pm - 6:50pm

or

27 April 2018
5:00pm - 6:50pm

Application Deadline
19 March 2018

Annual Julia Robinson Mathematics Festival gets kids excited about maths

Event at Singapore International School hopes to foster a non-competitive atmosphere for primary students to explore maths

Julia Robinson Mathematics Festival | April 26, 2018

The second annual Julia Robinson Mathematics Festival was held successfully at Singapore International School. **Photo: Tan Chee-wai**

The second annual Julia Robinson Mathematics Festival was held on March 24 at Singapore International School. A festival that was founded in the US, the annual event was introduced to Hong Kong by Dr Tan Chee-Wei, an associate professor at the

http://www.algebragamification.com/jrmf/gallery.html


2018 MATH LEAGUE SUMMER TOURNAMENT
Professor Chee Wei Tan
Associate Professor, City University Hong Kong
MA and PhD from Princeton University
Postdoctoral Scholar in the Rigorous Systems
Research Group at the California Institute of
Hong Kong
Project Ambassador


Julia Robinson
Mathematics Festival


Math League Summer Tournament
Certificate of Merit
Zixin Wang


Summer Tournament

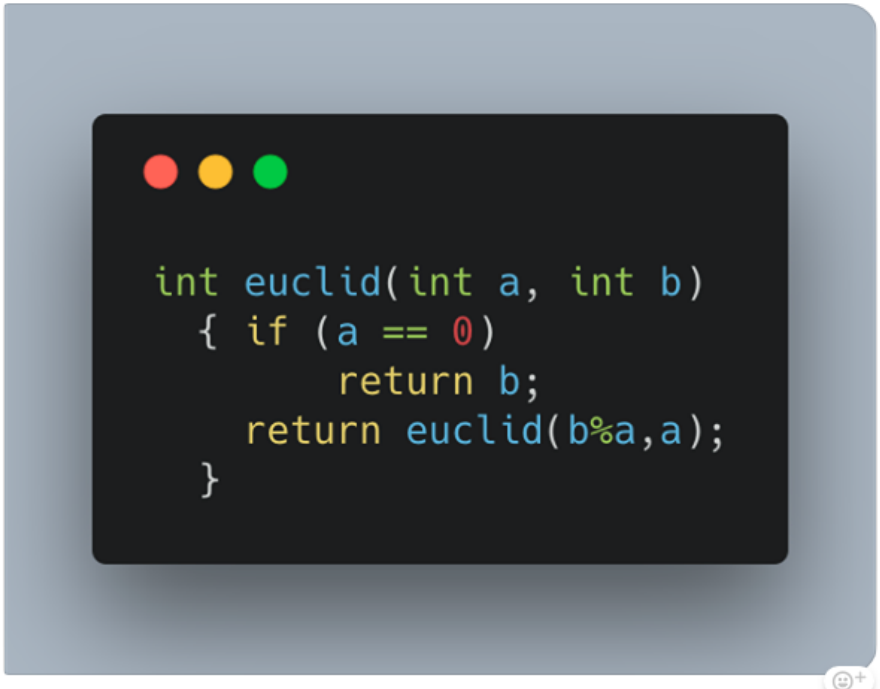
Computer Science Challenge

http://cschallenge.cs.cityu.edu.hk

MAY 24TH, 10:48AM

Hi, here's a new puzzle for you!

Tell us what you know about this algorithm 😊 ? What if this recursive function takes as input 20180526 and 12345678? 😊 20180526 is the date of 2018 CS Challenge ! 😄 😊



A: 16

B: 8

C: 6

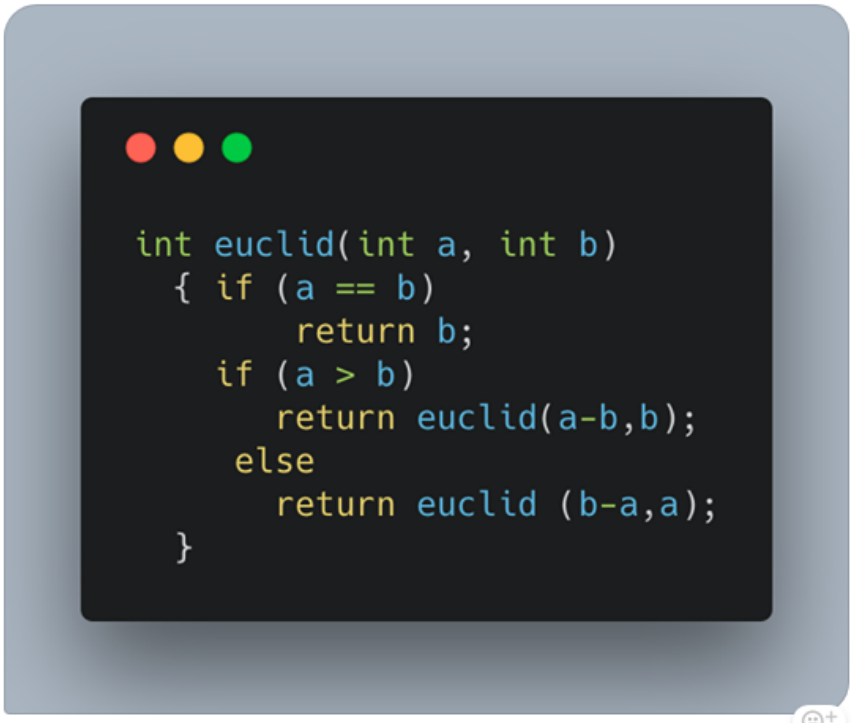
D: 12

Please select the correct answer by clicking one of the buttons below 👇

A	C
B	D

Type a message...

Recursion in algorithm is so fun! 😜 Have you figured out the algorithm we sent in the morning? 😄Here's another version of the same algorithm. What is its output when I use the two integers 12344321 and 34566543 ? 👀
Which of the two version is faster? Can you come up with a third version of the same algorithm? 😜😄



```
int euclid(int a, int b)
  { if (a == b)
        return b;
    if (a > b)
       return euclid(a-b,b);
     else
       return euclid (b-a,a);
  }
```

A: 1

B: 6

C: 121

D: 1111

Please select the correct answer by clicking one of the buttons below 👇

A	C
B	D

Computer Science Challenge

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Computer Science Challenge

Published by Chee Wei Tan [?] · May 26 ·

CS Challenge Task 3 on recursion of the Fibonacci Number sequence: 1, 1, 2, 3, 5, 8, 13, 21, ... gives rise to the “Golden Ratio“, which is a mathematical ratio that seems to appear recurrently in beautiful things in nature as well as in other things that are seen as “Beautiful”. Notice the giant blue balloons hanging above as over 200 students immersed in computer programming on a Saturday morning!

"Mathematics, rightly viewed, possesses not only truth, but supreme beauty" -- Bertrand Russell (Mathematician and Nobel Laureate in Literature)

```
int fibonacci(int num)
{
    if (num == 0 || num == 1)
        return num;
    else
        return fibonacci(num - 1) + fibonacci(num - 2);
}
```

🙏

email: cheewtan@cityu.edu.hk