

# 2017 April Fool's Contest

Hints first

# M17A0 Terms and Conditions

- What will you do after reading the terms and conditions?

# M17A1 HKOI

- Why the input range is 2000 – 2017?
- What are the meaning of the three numbers related to HKOI?

# M17A2 Different Languages

- What is 鮮明?
- Is this Chinese?

M17A3  $A+B$  or  $A-B$ ?

- It is not  $A+B$ , not  $A-B$  either.

# M17A4 Halting Problem

- Can you find a program which can solve halting problem?

# M17A5 Hidden Message

- Doesn't the sentence look strange?
- It this really a meaningful sentence?



# M17A6 Morse's Circle

- The task author said the problem's name is typed wrongly.
- But wait, is this a task or a problem?

# M17A7 Morse Code

- There are some sample cases.

# M17A8 Haskell's Challenge

- You don't understand Haskell either?
- Do you really need to translate that code?

# M17A9 Go to School by Bus

- Ok, I know you go to school by bus.
- What should you do after looking at the timetable?

Solution

You really want to look at the  
solution?

Are you sure?

Ok, I tell you than



# M17A0 Terms and Conditions

- What will you do after reading the terms and conditions?
- Just click the “I agree” or the “I accept” button.
- Your answer will be considered correct if your output contain “agree” or “accept”
- Comment: how if “I do not agree”?

# M17A1 HKOI

- Why the input range is 2000 – 2017? That is year!
- What are the meaning of the three numbers related to HKOI?
- That's the score for the schools who won the grant school prize!

# M17A2 Different Languages

- What is 鮮明? It means distinct!
- Is this Chinese? No, it is Japanese.

# M17A3 $A+B$ or $A-B$ ?

- It is not  $A+B$ , not  $A-B$  either.
- So it is  $A+B$  or  $A-B$
- Still don't know?
- Ok, it is  $(A+B)$  or  $(A-B)$
- Still don't know?
- Ok, it is  $(A+B) | (A-B)$

# M17A4 Halting Problem

- Can you find a program which can solve halting problem?
- No, you cannot.

# M17A5 Hidden Message

- Doesn't the sentence look strange?
- It this really a meaningful sentence?
- Try to look at the first alphabet of every word.

# M17A6 Morse's Circle

- The task author said the problem's name is typed wrongly.
- But wait, is this a task or a problem?
- Why don't you ask google what is the "Morse's Circle Problem"?

# M17A7 Morse Code

- There are some sample cases.
- The sample cases tell us:
  - 2times
  - dot
  - minus
  - dash



# M17A8 Haskell's Challenge

- You don't understand Haskell either?
- Do you really need to translate that code?
- Why don't you just submit Alice's code?

# M17A9 Go to School by Bus

- Ok, I know you go to school by bus.
- What should you do after looking at the timetable?
- Wait for the bus come and then get on the bus.
- What does this mean?
- Look at the judge's clock and "get on the bus" when the bus come.
  - "get on the bus" here means submit the solution
  - Your solution should output "I go to school by bus."