

# Real Numbers

Find whether there exists a pair of real nos. whose sum is in range **(1,2)** in an array consisting of real nos. in the range **(0,2)**. If there exists such a pair print "found" else print "not found". (double quotes for clarity)

**Note: all intervals given above are open intervals.**

**INPUT:**

First line is the number of test cases  $t$  ( $t \leq 6$ ),  
then for each case no. of real nos. in the array is given ( $n$ )  
then in the next line the real nos. are given.

**OUTPUT:** print the required ans, i.e., "**found**" or "**not found**"

Constraints:

$1 \leq n \leq 3 \cdot 10^5$

e.g.,

Input:

2

3

0.7 0.5 1.2

5

1.2 1.3 1.22 0.999 1.5

Output:

found

not found