

Sticks

Bibi has just found 3 different sticks. Bibi ask you a question, "is it possible to make a triangle from these sticks?"

Format Input

The input starts with integer T, number of test cases. For each test case, there will be 3 integers N, M, O describing the length of each stick.

Format Output

For each test case, print "Case #T:" followed by "Yes" if it is possible to make a triangle or "No" if it is impossible.

Constraints

- $1 \le T \le 100$
- $1 \le N, M, O \le 10,000$

Sample Input 1 (standard input)

3 3 4 5 1 2 3 6 8 10

Sample Output 1 (standard output)

Case #1: Yes
Case #2: No
Case #3: Yes

Sample Input 2 (standard input)

[©] School of Computer Science - BINUS, 2021. No part of the materials available may be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable form, in whole or in part, without prior written consent of School of Computer Science - BINUS. Any other reproduction in any form without the permission of School of Computer Science - BINUS is probibited. Violators of this clause may be academically sanctioned.



4 5 12 13 1 2 2 1 1 1 100 200 150

Sample Output 2 (standard output)

Case #1: Yes
Case #2: Yes
Case #3: Yes
Case #4: Yes

Sample Input 3 (standard input)

2 100 100 200 1 2 100

Sample Output 3 (standard output)

Case #1: No
Case #2: No

UNIVERSITY

[©] School of Computer Science - BINUS, 2021. No part of the materials available may be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable form, in whole or in part, without prior written consent of School of Computer Science - BINUS. Any other reproduction in any form without the permission of School of Computer Science - BINUS is probihited. Violators of this clause may be academically sanctioned.



Sticks

Bibi baru saja menemukan 3 ranting kayu berbeda. Bibi memberikan anda sebuah pertanyaan, "apakah mungkin untuk membentuk segitiga dari ranting ini?"

Format Input

Baris pertama berisi sebuah bilangan bulat T, jumlah kasus uji. Untuk setiap kasus uji akan diberikan 3 bilangan bulat N, M, O yang merupakan panjang dari masing-masing ranting kayu.

Format Output

Untuk setiap kasus uji, keluarkan "Case #T:" oleh "Yes" apabila ranting kayu tersebut dapat membentuk segitiga atau "No" bila tidak mungkin.

Constraints

- $1 \le T \le 100$
- $1 \le N, M, O \le 10,000$

Sample Input 1 (standard input)

Sample Output 1 (standard output)

Case #1: Yes Case #2: No Case #3: Yes

[©] School of Computer Science - BINUS, 2021. No part of the materials available may be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable form, in whole or in part, without prior written consent of School of Computer Science - BINUS. Any other reproduction in any form without the permission of School of Computer Science - BINUS is probibited. Violators of this clause may be academically sanctioned.



Sample Input 2 (standard input)

4 5 12 13 1 2 2 1 1 1 100 200 150

Sample Output 2 (standard output)

Case #1: Yes
Case #2: Yes
Case #3: Yes
Case #4: Yes

Sample Input 3 (standard input)

2 100 100 200 1 2 100

Sample Output 3 (standard output)

Violators of this clause may be academically sanctioned.

Case #1: No Case #2: No

© School of Computer Science - BINUS, 2021. No part of the materials available may be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable form, in whole or in part, without prior written consent of School of Computer Science - BINUS. Any other reproduction in any form without the permission of School of Computer Science - BINUS is probibited.