

Pokemen Card Part 2

Bibi interested to buy Pokemen card. Bibi wants to collect every Pokemen card, but Bibi doesn't know how much is the percentage of the Pokemen card she have now.

Help Bibi to count how much is the percentage of the Pokemen card she has if Bibi has X different Pokemen card and there are Y different kind of Pokemen card.

Format Input

Input consists of two integers, X Y each shows the number of different Pokemen card Bibi has and the number of different Pokemen card released.

Format Output

Output a number which shows the percentage of Pokemen card Bibi has, written in 2 decimal place with a percent symbol.

(It is recommended to use double data type when operating with decimal numbers).

Constraints

• $1 \le X \le Y \le 1000000$

Sample Input 1 (standard input)

50 100

Sample Output 1 (standard output)

50.00%

Sample Input 2 (standard input)

75 151

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Sample Output 2 (standard output)

49.67%



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Bibi tertarik untuk membeli kartu Pokemen. Bibi ingin mengoleksi semua kartu Pokemen yang ada, tapi Bibi tidak tahu berapa persen jenis kartu Pokemen yang Ia miliki sekarang.

Bantu Bibi dalam menghitung berapa persen kartu Pokemen dimiliki oleh Bibi jika Bibi memiliki X buah kartu Pokemen berbeda dan terdapat Y jenis kartu Pokemen yang berbeda.

Format Input

Input terdiri dari dua buah angka, X Y yang masing-masing menunjukkan jenis kartu Pokemen berbeda yang dimiliki Bibi dan jenis kartu Pokemen berbeda yang ada.

Format Output

Output terdiri dari sebuah angka yang menunjukkan persentase jenis kartu Pokemen yang dimiliki oleh Bibi, ditulis dalam 2 angka dibelakang koma dan disertai lambang persen.

(Disarankan untuk menggunakan tipe data double jika mengoperasikan angka desimal).

Constraints

• 1 < X < Y < 1000000

Sample Input 1 (standard input)

50 100

Sample Output 1 (standard output)

50.00%

Sample Input 2 (standard input)

75 151

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Sample Output 2 (standard output)

49.67%



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