

Discount

One day, Bibi went to a department store and saw that four of their items have been discounted by N percent. Bibi then wonders whether a program can be made to calculate the undiscounted price of each item given P, their discounted prices.

Format Input

Four lines of two integers N and P each.

Format Output

Four lines containing the undiscounted price of each item printed to the second decimal place, in dollars.

Constraints

For each line:

- $0 \le N < 100$
- 0 < P < 10000

Sample Input (standard input)

75 25 0 50 69 420 17 1337

Sample Output (standard output)

\$100.00 \$50.00 \$1354.84 \$1610.84

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Suatu hari, Bibi pergi ke sebuah pusat perbelanjaan dan melihat bahwa ada empat barang yang sedang didiskon sebesar N persen. Bibi kemudian bertanya-tanya apakah suatu program dapat dibuat untuk menghitung harga tanpa diskon dari setiap barang jika diberikan P, harga setelah barang-barang tersebut didiskon.

Format Input

Empat baris berisi dua angka bulat N dan P.

Format Output

Empat baris berisi harga tanpa diskon dari masing-masing barang, diprint sampai dua angka di belakang koma, dalam satuan dolar.

Constraints

Untuk setiap baris:

- $0 \le N < 100$
- $0 \le P \le 10000$

Sample Input (standard input)

75 25 0 50 69 420 17 1337

Sample Output (standard output)

\$100.00 \$50.00 \$1354.84 \$1610.84

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