

Thermostater

Jojo would like to make a simple thermometer converter. The converter itself can only convert a Celsius scale into 3 other thermometer scale which is Reaumur, Fahrenheit, and Kelvin. Your task as a programmer is to help Jojo by making a program which gives out the appropriate value of other 3 thermometer scale.

Format Input

The first line of input consist a single line T. T will always be 3. The next T line consist of a single integer A. A is a number in Celsius scale.

Format Output

Output three float number with exactly 2 precision point – the convertion of Celsius to Reaumur, Fahrenheit, and Kelvin.

Constraints

• 1 < A < 100

Sample Input (standard input)

3			
10			
20			
30	,		

Sample Output (standard output)

8.00 50.00 283.00 16.00 68.00 293.00 24.00 86.00 303.00

Note

- Reaumur = $\frac{4}{5}$ × Celsius
- Fahrenheit = $\frac{9}{5}$ × Celsius + 32
- Kelvin = Celsius + 273

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Jojo ingin membuat sebuah konverter termometer sederhana. Konverter tersebut hanya dapat mengubah suhu dalam skala Celcius mejadi 3 skala lainnya yaitu Reaumur, Fahrenheit dan Kelvin. Tugas anda sebagai programmer adalah membuat program yang dapat membantu Jojo dengan memberikan suhu yang tepat dalam 3 skala lainnya.

Format Input

Baris pertama input terdiri dari bilangan bulat T. T dipastikan selalu 3. T baris berikutnya terdiri dari 1 bilangan bulat positif A dimana A merupakan suhu dalam skala Celcius.

Format Output

Output merupakan 3 bilangan dengan tepat 2 angka dibelakang koma – Konversi dari skala Celcius menjadi Reaumur, Fahrenheit, and Kelvin.

Constraints

• $1 \le A \le 100$

Sample Input (standard input)

3 10 20 30

Sample Output (standard output)

8.00 50.00 283.00 16.00 68.00 293.00 24.00 86.00 303.00

Note

- Reaumur = $\frac{4}{5}$ × Celcius
- Fahrenheit = $\frac{9}{5}$ × Celcius + 32

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• Kelvin = Celcius + 273



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