

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

[©] School of Computer Science - BINUS, 2020. 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. For those who violated this disclaimer, academic sanctioned can be enforced.



Thermostater

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
- Kelvin = Celcius + 273

[©] School of Computer Science - BINUS, 2020. 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. For those who violated this disclaimer, academic sanctioned can be enforced.