


Assignment Case	
COMP6047 Algorithm and Programming	
Computer Science	<Case Code>
<i>Valid on Compact Semester Year 2018/2019</i>	Revision 00

Soal*Case***Thermostater**

Jojo would like to make a very simple thermometer converter. The converter itself can only convert the original format form, which is in celcius to 3 other thermometer format; reamur, fahrenheit, and kelvin. Your task as a programmer is to help Jojo tune up his thermometer converter to give out the appropriate 3 thermometer format.

Format Input

The input composed of two lines.

The first line consist of a single line T. T will always be 3.

The second line consist of a single integer A, where a is the number of celcius degree.

Format Output

Output a single line consists of three float number with precision number of two – the conversion of celcius to reamur, fahrenheit, and kelvin.

Note :

$$\text{Celcius} - \text{Reamur} = \left(\text{Celcius} * \frac{4}{5} \right)$$

$$\text{Celcius} - \text{Fahrenheit} = \left(\left(\text{Celcius} * \frac{9}{5} \right) + 32 \right)$$

$$\text{Celcius} - \text{Kelvin} = \text{Celcius} + 273$$

Constraints

$$1 \leq A \leq 100$$

Sample Input	Sample Output
3	8.00 50.00 283.00
10	16.00 68.00 293.00
20	24.00 86.00 303.00
30	