**Distance**

Two cars (X and Y) leave in the same direction. The car X leaves with a constant speed of 60 km/h and the car Y leaves with a constant speed of 90 km / h.

In one hour (60 minutes) the car Y can get a distance of 30 kilometers from the X car, in other words, it can get away one kilometer for each 2 minutes.

Read the distance (in km) and calculate how long it takes (in minutes) for the car Y to take this distance in relation to the other car.

**Input**

The input file contains 1 integer value.

**Output**

Print the necessary time followed by the message " minutos" that means minutes in Portuguese.

|  |  |  |
| --- | --- | --- |
| **Input Sample** | **Output Sample** | |
| 3 | 6 minutos | |
| 1 | | 2 minutos | |
| 4 | | 8 minutos | |

**Salary**

Write a program that reads an employee's number, his/her worked hours number in a month and the amount he received per hour. Print the employee's number and salary that he/she will receive at end of the month, with two decimal places.

* Don’t forget to print the line's end after the result, otherwise you will receive “Presentation Error”.
* Don’t forget the space before and after the equal signal and after the U$.

**Input**

The input file contains 3 integer numbers, representing the number, worked hours amount and the amount the employee receives per worked hour.

**Output**

Print the number and the employee's salary, according to the given example, with a blank space before and after the equal signal.

|  |  |  |
| --- | --- | --- |
| **Input Samples** | **Output Samples** | |
| 5 4 2 | NUMBER=5 SALARY = U$ 08.00 | |
| 1 3 3 | | NUMBER=1 SALARY = U$ 09.00 | |
| 6 5 1 | | NUMBER=6 SALARY = U$ 05.00 | |

**Simple Product**

Read two integer values. After this, calculate the product between them and store the result in a variable named **PROD**. Print the result like the example below. Do not forget to print the end of line after the result, otherwise you will receive *“Presentation Error”*.

**Input**

The input file contains 2 integer numbers.

**Output**

Print **PROD** according to the following example, with a blank space before and after the equal signal.

|  |  |  |
| --- | --- | --- |
| **Input Samples** | **Output Samples** | |
| 3 3 | PROD = 9 | |
| 1 6 | | PROD = 6 | |
| 4 2 | | PROD = 8 | |

**Area**

Make a program that reads twointeger values: A and B. Then, calculate and show:  
a) the area of ​​the square that has side B.  
b) the area of the rectangle that has sides A and B.

**Input**

The input file contains two values.

**Output**

The output file must contain 2 lines of data. Each line corresponds to one of the areas described above, always with a corresponding message (in Portuguese) and one space between the message and the value. The value calculated must be presented with 3 digits after the decimal point.

|  |  |  |
| --- | --- | --- |
| **Input Samples** | **Output Samples** | |
| 3  2 | QUADRADO: 4.000 RETANGULO: 6.000 | |
| 2  3 | | QUADRADO: 9.000 RETANGULO: 6.000 | |
| 5  1 | | QUADRADO: 1.000 RETANGULO: 5.000 | |

**Selection test**

Read 4 integer values A, B, C and D. Then if B is greater than C and D is greater than A and if the product of C and D is greater than the product of A and B write the message **“Valoresaceitos”** (Accepted values). Otherwise, write the message **“Valoresnaoaceitos”** (Values not accepted).

**Input**

Four integer numbers A, B, C and D.

**Output**

Show the corresponding message after the validation of the values​​.

|  |  |  |
| --- | --- | --- |
| **Input Sample** | **Output Sample** | |
| 1  2  3  3 | Valoresnaoaceitos | |
| 2  3  2  4 | | Valoresaceitos | |

**Simple sum**

Read two integer values, in this case, the variables A and B. After this, calculate the sum between them and assign it to the variable **SOMA**. Write the value of this variable.

**Input**

The input file contains 2 integer numbers.

**Output**

Print the variable **SOMA** with all the capital letters, with a blank space before and after the equal signal followed by the corresponding value to the sum of A and B. Like all the problems, don't forget to print the end of line, otherwise you will receive "Presentation Error"

|  |  |  |
| --- | --- | --- |
| **Input Samples** | **Output Samples** | |
| 3 1 | SOMA = 4 | |
| 9 0 | | SOMA = 9 | |
| 0 5 | | SOMA = 5 | |