



Bienvenido,  
**IGNACIO**

**1037**

Descripción  
Pantalla  
Completa  
Enviar  
Ranking  
Foro  
Toolkit

Principiante

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## Interval

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**Timelimit: 1**

You must do a program that read a float-point number and print a message saying in which of following intervals the number belongs:  $[0,25]$   $(25,50]$ ,  $(50,75]$ ,  $(75,100]$ . If the read number is less than zero or greather than 100, the program must print the message "Fora de intervalo" that means "Out of Interval".

The symbol ' $'$ ' represents greather than. For example:  
 $[0,25]$  indicates numbers between 0 and 25.0000, including both.  
 $(25,50]$  indicates numbers greather than 25 (25.00001) up to 50.0000000.

### Input

The input file contains a floating-point number.

### Output

The output must be a message like following example.

Sample Input	Sample Output
25.01	Intervalo (25,50]
25.00	Intervalo [0,25]
100.00	Intervalo (75,100]
-25.02	Fora de intervalo

