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## Rounding

P92613\_en

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Write a program that reads a real number  $x \geq 0$  and prints  $\lfloor x \rfloor$  (the floor of  $x$ ),  $\lceil x \rceil$  (the ceiling of  $x$ ), and the rounding of  $x$ .

### Input

Input consists of a real number  $x \geq 0$ .

### Output

Print the floor of  $x$ , the ceiling of  $x$ , and the integer number closer to  $x$  (if there is a tie, print  $\lceil x \rceil$ ).

#### Sample input 1

4.5

#### Sample output 1

4 5 5

#### Sample input 2

0.999999

#### Sample output 2

0 1 1

#### Sample input 3

123345.33

#### Sample output 3

123345 123346 123345

#### Sample input 4

1500000000

#### Sample output 4

1500000000 1500000000 1500000000

### Problem information

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