

When Rémi came to the US (to visit Petra to make this MOOC) he brought his favorite cookie recipe! When trying to bake the cookies he realized that ovens in the US show temperature in degrees Fahrenheit, but the cookie recipe called for a temperature in degrees Celsius. We need your help!

Please write a C-program that reads a decimal number representing a temperature in degrees Celsius and prints out the corresponding temperature in degrees Fahrenheit with 1 decimal place. Here is the conversion formula:

Temperature (°F) = Temperature (°C) × 9.0 / 5.0 + 32.0

Examples

Input:

192

Output:

377.6

Input:

30.5

Output:

86.9

Warning: You will be graded on your output, so do not include any print statements that prompt a user for input.

Note

You may submit as many solutions as you wish. Only your highest score will be kept.