

A Second Opinion

Problem ID: a01p06secondopinion

Write a program that, given a duration in seconds as input, outputs the same duration as hours, minutes, and seconds.

Hint: use integer division (`//`) and remainder (`%`).

Input

One line containing the integer s , the number of seconds that should be rewritten, where $0 \leq s \leq 1\,000\,000$.

Output

One line containing three integers, the number of hours, the number of minutes, and the number of seconds separated by a space, a colon, and another space.

Sample Input 1

1000

Sample Output 1

0 : 16 : 40

Sample Input 2

80000

Sample Output 2

22 : 13 : 20
