

Second to time hh_mm_ss



Enter any positive integer that describes total second. You must convert the total second into time in format **"hh:mm:ss"**.

Input

Contain total second.

Output

Print out time in format **"hh:mm:ss"**.

Example

Input 1:

1986

Output 1:

00:33:06

Input 2:

-5

Output 2:

total second must be a positive integer