Time decomposition (2)   **P22654_en**

Write a procedure

void *decompose*(**int** n, **int&** h, **int&** m, **int&** s);

that, given a quantity of seconds n, computes how many hours h, minutes m and seconds s it represents. That is, we must have $s + 60m + 3600h = n$, with $0 \leq s < 60$ and $0 \leq m < 60$.

Precondition

n is a natural number.

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

Author: Jordi Petit
Translator: Carlos Molina

Generation: 2026-01-25T10:15:57.287Z