Balanced numbers   P26492_en

In this exercise, we say that a natural number is balanced if the sum of the digits in even positions is equal to the sum of the digits in odd positions. For instance, 1463 and 48015 are balanced numbers.

Write a function that tells if a natural number @n@ is balanced or not.

Interface

C++	**bool** *is_balanced* (**int** *n*);
C	**int** *is_balanced* (**int** *n*);
Java	**public static boolean** *isBalanced*(**int** *n*);
Python	*is_balanced* (*n*) # returns bool
	is_balanced (*n*: **int**) −> **bool**

Observation

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

Problem information

Author: Salvador Roura
Translator: Carlos Molina

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