
Insertion sort

P41412_en

Write a procedure that sorts @v@ in non-decreasing order using the insertion sort algorithm.

Interface

| | |
|--------|-------------------------------------------------------------------------------------------------|
| C++ | void <i>insertion_sort</i> (vector < double >& <i>v</i>); |
| C | void <i>insertion_sort</i> (int <i>n</i> , double <i>v</i> [<i>n</i>]); |
| Java | public static void <i>insertionSort</i> (double [] <i>v</i>); |
| Python | <i>insertion_sort</i> (<i>v</i>) # returns None |
| MyPy | <i>insertion_sort</i> (<i>v</i> : list [float]) -> None |

Observation

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

Problem information

Author: Jordi Petit

Translator: Carlos Molina

Generation: 2026-01-25T11:05:46.835Z

© *Jutge.org*, 2006–2026.

<https://jutge.org>