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## Insertion sort

P41412\_en

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

### Interface

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

### Observation

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

### Problem information

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