
Sequential search in an array

P11725_en

Write a function that tells if the integer number x is present in the vector of integer numbers v .

In order to compare the efficiency of your solution against the efficiency of the solution of the Judge, start searching for x from the lowest positions.

Interface

C++	bool <i>exists</i> (int x , const vector < int >& v);
C	int <i>exists</i> (int x , const int v [], int $vsize$);
Java	public static boolean <i>exists</i> (int x , int [] v);
Python	<i>exists</i> (x , v) # returns bool <i>exists</i> (x : <i>int</i> , v : <i>list</i>) \rightarrow <i>bool</i>

Observation

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

Problem information

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