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++**
  ```cpp
  bool exists (int x, const std::vector<int>& v);
  ```
- **C**
  ```c
  int exists (int x, const int v[], int vsize);
  ```
- **Java**
  ```java
  public static boolean exists(int x, int[] v);
  ```
- **Python**
  ```python
  exists (x, v)  # returns bool
  exists (x: int, v: list) -> bool
  ```

**Observation**

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

**Problem information**

Author: Salvador Roura  
Translator: Carlos Molina  
Generation: 2023-07-14 17:42:01

https://jutge.org