

---

## First occurrence

P84219\_en

---

Write an efficient function

```
int first_occurrence (double x, const vector<double>& v);
```

that returns the position of the first occurrence of  $x$  in the vector  $v$ . If  $x$  does not belong to  $v$ , return a -1.

### Precondition

The vector  $v$  is sorted in nondecreasing order.

### Observation

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

### Problem information

Author: Salvador Roura

Generation: 2026-03-10T18:56:19.593Z

© *Jutge.org*, 2006–2026.

<https://jutge.org>