

---

## Array difference

P46584\_en

---

Write a function that returns a sorted vector with the difference of the sorted vectors  $v1$  and  $v2$ . The result must have the elements in  $v1$  that are not in  $v2$ , without repetitions. For instance, the result of the difference of a vector with 1, 2, 2, 5, 5 and 7 and a vector with 2, 3, 3 and 7 is a vector with 1 and 5.

### Interface

```
C++      vector<double> difference(const vector<double>& v1, const vector<double>& v2);
Java     public static double[] difference (double[] v1, double[] v2);
Python   difference (v1, v2) # returns list
         difference (v1: list , v2: list ) → list
```

### Observation

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

### Problem information

Author : Salvador Roura  
Translator : Carlos Molina  
Generation : 2016-12-13 14:56:03

© Jutge.org, 2006–2016.  
<http://www.jutge.org>