
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 [ float ], v2: list [ float ]) → list [ float ]
```

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 18:02:06

© Jutge.org, 2006–2023.
<https://jutge.org>