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

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