
Array symmetric difference**X23420_en**

Write a function that returns a sorted vector with the symmetric difference of two sorted vectors v_1 and v_2 . The result must have the elements in v_1 that are not in v_2 and the elements in v_2 that are not in v_1 , without repetitions. For example, the symmetric difference of a vector with 1, 2, 2, 5, 5, 7 and a vector with 2, 3, 3, 7 is a vector with 1, 3, 5.

Interface

```
vector<double> symmetric_difference(const vector<double>& v1, const vector<double>& v2);
```

Observation

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

Problem information

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