Array merge   P70093_en

Write a function that merges the sorted vectors @v1@ and @v2@ and returns the result, repeated elements included. For instance, the result of merging a vector with 2, 3 and 5 with a vector with 3, 5, 5 and 7 is a vector with 2, 3, 3, 5, 5, 5 and 7.

Interface

C++	**vector<double>** *merge*(**const vector<double>**& *v1*, **const vector<double>**& *v2*);
Java	**public static double**[] *merge*(**double**[] *v1*, **double**[] *v2*);
Python	*merge*(*v1*, *v2*) # returns list
MyPy	*merge*(*v1*: **list**[**float**], *v2*: **list**[**float**]) −> **list**[**float**]:

Precondition

@v1@ and @v2@ are sorted in nondecreasig order.

Observation

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

Problem information

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