Jump, jump P77227_en

Being @v@ a vector of integer numbers. Starting in any position @p@ of @v@, jump in the vector according to @v[p]@: When it is positive, it must jump @v[p]@ steps to the right; when it is negative, it must jump −@v[p]@ steps to the left. The process is always repeated, unless it goes out of bounds.

Write a function

string exit (**int** *p*, *vector*<**int**>& *v*);

that returns "`left`", "`right`" or "`never`" depending on whether the process goes out of bounds on the left side, on the right side or never ends.

Precondition

0 ≤@p@<@v.size()@

Observation

The value of @v@ at the end is not important. Moreover, notice that the parameter @v@ has not been declared as constant. Take advantage of this fact to write a function as efficient as possible.

Observation

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

Problem information

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