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

$0 \leq p < v$. *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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