Position of the maximum   P29094_en

Write a function that returns the position of the maximum element of $v\,[0..\,m]$. If there is a tie, the smaller position must be returned.

Precondition

$0 \leq m <$ size of v.

Interface

C++	**int** *position_maximum*(**const vector**<**double**>& *v*, **int** *m*);
C	**int** *position_maximum*(**double**∗ *v*, **int** *m*);
Java	**public static int** *positionMaximum*(**double**[] *v*, **int** *m*);
Python	*position_maximum*(*v*, *m*) # returns int
	position_maximum(*v*: *list* , *m*: *int*) $\rightarrow$ *int*

Observation

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

Problem information