

Given an array of integers num's and an integer target, return true if there exists two numbers that sum up to target.

Input

First line contains a number of elements in the array and the target.

Second line contains the number.

Input	Output	Explanation
3 6 1 2 3	false	
4 1 1 2 3 4	false	
6 4 7 5 4 3 1 2	true	