



Princeton Computer Science Contest – Spring 2023

## Problem 0: Consulting Charade (5 points) [Codeforces]

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“[Our purpose is] to help create positive, enduring change in the world.”

— The M company’s website

In your search for your next summer internship, you scour the website of your favorite consulting company, looking for facts that you can regurgitate when you inevitably get asked “So why do you want to work here?” This quote piques your curiosity and you decide to find out whether this company has ever made *any* positive change in the past 5 years.

You are given a list `arr` of 5 numbers, where the  $i^{\text{th}}$  number `arr[i]` (for  $0 \leq i \leq 4$ ) is a measure of the change created by the consulting company  $i$  years ago. If `arr[i] > 0`, then the company has inflicted positive change. Your task is to output “YES” if the company has inflicted any positive change over the past 5 years and “NO” otherwise.

**Input:** You are given 5 space separated integers each between  $-1000$  and  $1000$  (inclusive) where the  $i^{\text{th}}$  number (for  $0 \leq i \leq 4$ ) is `arr[i]`.

**Output:** You should output “YES” if and only if any of these numbers are positive. Output “NO” otherwise.

**Example:**

Input:

-124 -343 -30 -124 -431

Output:

NO

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