

# MINIMUM PICKS

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## Problem Description

You are given an array of integers A of size N.

Return the difference between the maximum among all even numbers of A and the minimum among all odd numbers in A.

## Problem Constraints

$2 \leq N \leq 1e5$

$-1e9 \leq A[i] \leq 1e9$

There is atleast 1 odd and 1 even number in A

## Input Format

The first argument given is the integer array, A.

## Output Format

Return maximum among all even numbers of A - minimum among all odd numbers in A.

## Example Input

Input 1:

A = [0, 2, 9]

Input 2:

A = [5, 17, 100, 1]

## Example Output

Output 1:

-7

Output 2:

99