**Day 14: Scope**

**Task**  
Complete the *Difference* class by writing the following:

* A class constructor that takes an array of integers as a parameter and saves it to the elements instance variable.
* A *computeDifference* method that finds the maximum absolute difference between any 2 numbers in N and stores it in the maximumDifference instance variable.

**Input Format**

You are not responsible for reading any input from stdin. The locked *Solution* class in your editor reads in 2 lines of input; the first line contains N, and the second line describes the elements array.

**Constraints**

* 1 < N < 10
* 1 < elements[i] < 100, where 0 < i < N-1

**Output Format**

You are not responsible for printing any output; the *Solution* class will print the value of the maximumDifference instance variable.

**Sample Input**

3

1 2 5

**Sample Output**

4