```
import java.io.BufferedReader;
import java.io.InputStreamReader;

class Day56 {

    public static void main(String[] args) throws Exception {
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        int n = Integer.parseInt(br.readLine());
        int[] arr = new int[n];
        String[] inputLine = br.readLine().split(" ");
        for (int i = 0; i < n; i++) {
            arr[i] = Integer.parseInt(inputLine[i]);
        }

        if (canBeMadeEqual(arr, n)) {
            System.out.println("Yes, the numbers can be made equal.");
        } else {
            System.out.println("No, the numbers cannot be made equal.");
        }
    }

    // Function to check if the numbers of an array can be made equal
    static boolean canBeMadeEqual(int[] arr, int n) {
        // Find the maximum and minimum elements in the array
        int maxElement = Integer.MIN_VALUE;
        int minElement = Integer.MAX_VALUE;
        for (int i = 0; i < n; i++) {
            maxElement = Math.max(maxElement, arr[i]);
            minElement = Math.min(minElement, arr[i]);
        }
```

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        // Check if the difference between maximum and minimum elements is divisible by (n-1)
        return (maxElement - minElement) % (n - 1) == 0;
    }
}
```