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import java.util.Scanner;

public class SmallestLargestFinder {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);

        // Get input from user
        System.out.print("Enter size of array: ");
        int size = input.nextInt();
        int[] elements = new int[size];
        System.out.print("Enter the elements separated by space: ");
        for (int i = 0; i < size; i++) {
            elements[i] = input.nextInt();
        }

        // Find the smallest and largest elements
        int smallest = elements[0];
        int largest = elements[0];
        for (int i = 1; i < size; i++) {
            if (elements[i] < smallest) {
                smallest = elements[i];
            }
            if (elements[i] > largest) {
                largest = elements[i];
            }
        }

        // Print the smallest and largest elements
        System.out.println("Smallest Number: " + smallest);
        System.out.println("Largest Number: " + largest);
    }
}
```