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Java Assignment

class HelloWorld {

    public static void main(String[] args) {

        int[] a = { 10, 20, 30, 40, 50 };

        int sum = 0;

        int greater = a[0];

        int smaller = a[0];

        for (int i = 0; i < a.length; i++) {

            sum += a[i];

            if (a[i] > greater) {

                greater = a[i];

            }

            if (a[i] < smaller) {

                smaller = a[i];

            }

        }

        System.out.println("The sum of all elements is " + sum);

        System.out.println("The greatest element is " + greater);

        System.out.println("The smallest element is " + smaller);

    }

}

OUTPUT

