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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

### Output

```
java -cp /tmp/j4wVRV6H6V HelloWorld  
The sum of all elements is 150The greatest element is 50  
The smallest element is 10
```