# Pure Selection Sort

You are given an array of integers in any order. Sort the elements of given array in ascending order using selection sort.

**Input Format**

The first line contains an integer, n , the size of the array

The second line contains n space-separated integers a[i].

**Constraints**

$2<=n<=600$ $1<=a[i]<=2*10^6$

**Output Format**

You must print the following three lines of output:

1. Array is sorted and printed in ascending order

2. Total number of comparisons

3. Total number of swaps

**Sample Input 0**

```
5
1 2 3 4 5
```

**Sample Output 0**

```
1 2 3 4 5
10
4
```

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