

# Sorting Assignment

Professor X | Course Y

## Input

The input will consist of several integers. There will be one integer per line. Your program must read until there is no more input.

## Output

You must output one integer per line sorted in non-decreasing order.

## Sample Input

```
3
2
1
4
4
```

## Sample Output

```
1
2
3
4
4
```

## Submission

You must submit one file named `Sorting.java` with your solution.

Good Luck!