

# Sort 3 Numbers

This is a **pair** exercise and must be completed in your **tutorial** or **lab** with your partner.

Write a program in a file called `sort3.c` to read in 3 whole numbers with the message `Enter 3 numbers:` in the form `n n n` and print them out in ascending (non decreasing) order, one per line.

## Some Examples

```
Enter 3 numbers: 8 5 9
5
8
9
```

```
Enter 3 numbers: 0 3 5
0
3
5
```

```
Enter 3 numbers: -1 -2 -3
-3
-2
-1
```

```
Enter 3 numbers: 9 8 9
8
9
9
```

```
Enter 3 numbers: 3 2 1
1
2
3
```

Note to everyone: Computers are quite literal and pedantic. Do make sure your output EXACTLY matches this output above.

Note to experienced programmers: only use C syntax that we have covered in lectures. Use if statements (but not loops, recursion, arrays or C library sorting functions etc.)

To run some simple automated tests:

```
$ 1511 autotest sort3Numbers
```

To run Styl-o-matic:

```
$ 1511 stylomatic sort3.c  
Looks good!
```

You'll get advice if you need to make changes to your code.

Submit your work with the *give* command, like so:

```
$ give cs1511 wk03_sort3Numbers
```

Or, if you are working from home, upload the relevant file(s) to the `wk03_sort3Numbers` activity on [Give Online](#).