

# Array Maximum

This is a **warmup** exercise. It is **not compulsory**, and may be completed **individually or with your lab partner**.

Download [arrayMax.c](#), or copy it into your current directory on a CSE system by running

```
$ cp /web/cs1511/17s2/week05/files/arrayMax.c .
```

The file `array.c` contains a main function which reads values into an array. You are to implement the `int arrayMax(int size, int array[MAX_LENGTH])` function which should return the largest value in the array.

## Some Examples

```
Enter array size: 5
Enter array values: 1 2 3 4 5
Maximum value is 5.
```

```
Enter array size: 6
Enter array values: -1 -3 -9 -17 -2 -8
Maximum value is -1.
```

To run some simple automated tests:

```
$ 1511 autotest arrayMax
```

To run Styl-o-matic:

```
$ 1511 stylomatic arrayMax.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 wk05_arrayMax
```

Or, if you are working from home, upload the relevant file(s) to the `wk05_arrayMax` activity on [Give Online](#).