



EXERCISES — Int Vector Vice Max

version #



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1 Int Vector Vice Max

Files to submit:

- int_vector_vice_max/int_vector_vice_max.c

Provided files:

- int_vector_vice_max/int_vector_vice_max.h

Authorized headers: You are only allowed to use the functions defined in the following headers:

- err.h
- stddef.h
- assert.h
- errno.h

1.1 Goal

Write a function that takes a vector of integers and returns the second maximum value that it contains. Assume that the size will be superior to 2.

```
int int_vector_vice_max(const struct int_vector vec);
```

Structure of the vector:

```
struct int_vector
{
    size_t size;
    int data[INT_VECTOR_LENGTH];
};
```

It is my job to make sure you do yours.