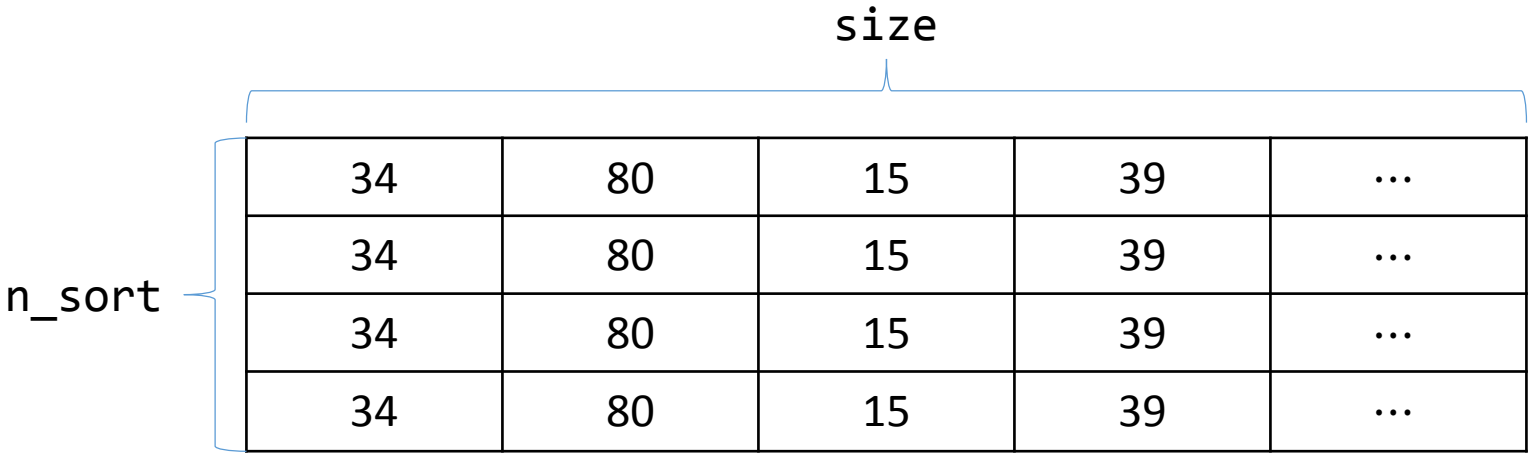
Implementing Sorting Algorithms

`data` array

- A 2-D array with a size of (`n_sort`, `size`)
- Each 1-D array with a size of `size` should be same

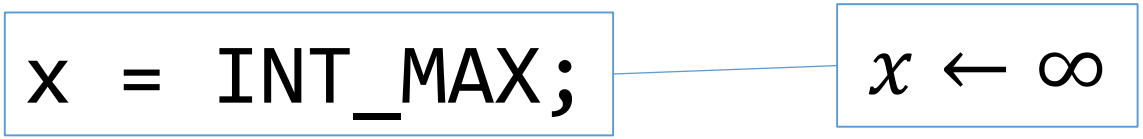


An Example Output

```
A part of the initial data:
  18914 10315 18164 23804 9675 18397 21656 23618 26534 6789

quick sort
Time : 0.002 sec

merge sort
Time : 0.004 sec
same

insertion sort
Time : 0.005 sec
same

stooge sort
Time : 24.366 sec
same
```

Useful Libraries

```
#include <ctime> // time
#include <cstdlib> // srand, rand
#include <climits> // INT_MAX
```



Excluding an Algorithm

```
run_quick_sort(size, data[0]);

run_merge_sort(size, data[1]);
compare_results(size, data[1], data[0]); //

run_insertion_sort(size, data[2]);
compare_results(size, data[2], data[0]);

// run_stooge_sort(size, data[3]);
// compare_results(size, data[3], data[0]);
```