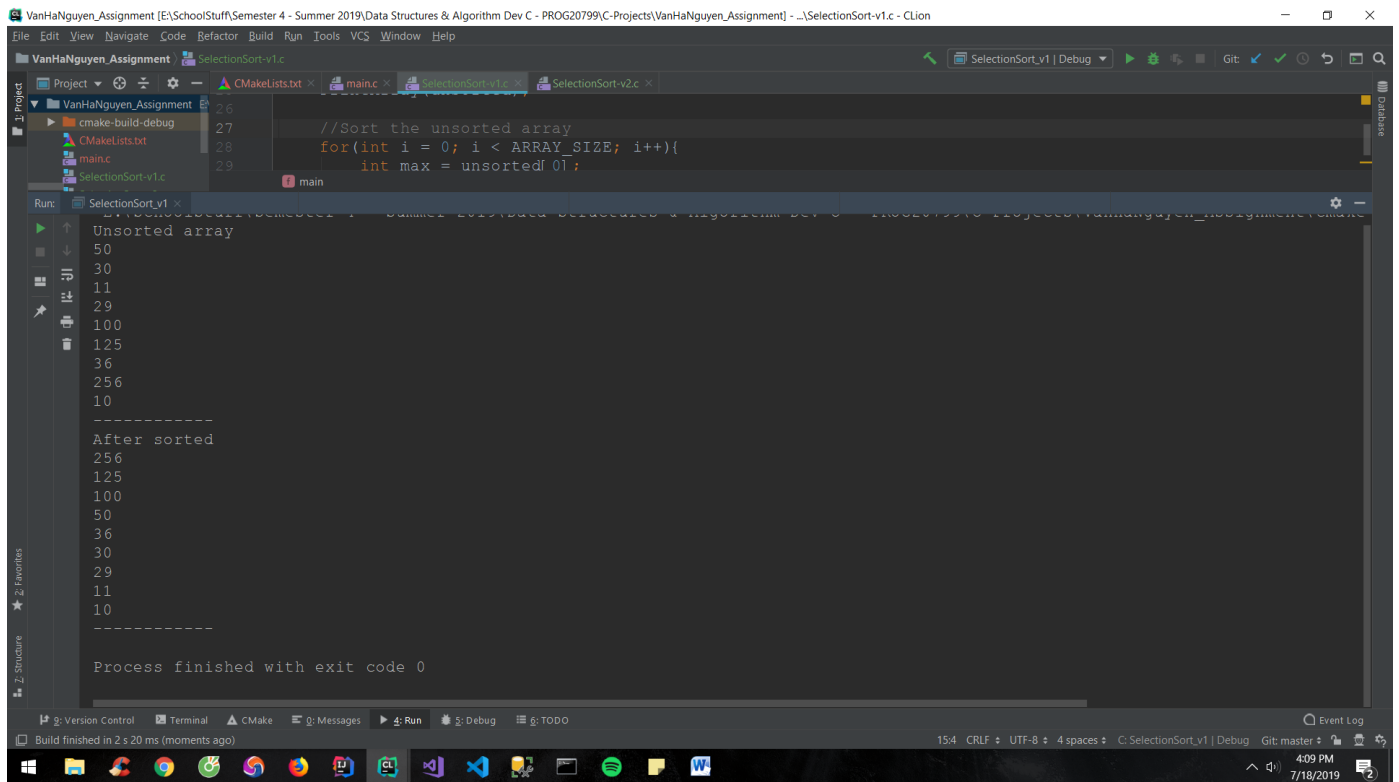


Student name: Nguyen, Van Ha

Slate login name: nguvanha

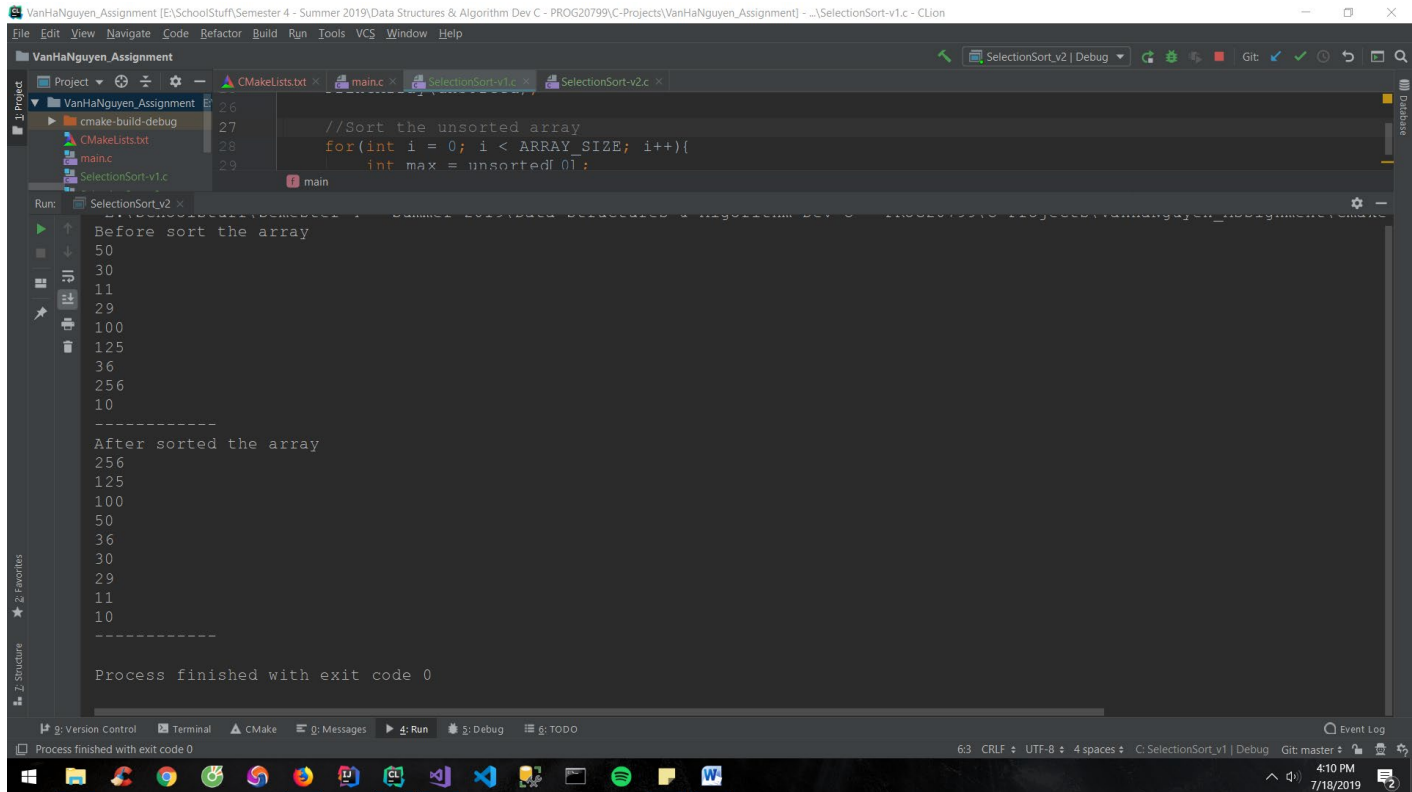
Part 1 output: SelectionSort-v1.c



```
VanHaNguyen_Assignment [E:\SchoolStuff\Semester 4 - Summer 2019\Data Structures & Algorithm Dev C - PROG20799\C-Projects\VanHaNguyen_Assignment] - ...SelectionSort-v1.c - CLion
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
Project VanHaNguyen_Assignment SelectionSort-v1.c SelectionSort-v2.c
cmake-build-debug CMakeLists.txt main.c SelectionSort-v1.c
26 //Sort the unsorted array
27 for(int i = 0; i < ARRAY_SIZE; i++){
28     int max = unsorted[i];
29     int j = i + 1;
    while(j < ARRAY_SIZE){
        if(unsorted[j] > max){
            max = unsorted[j];
            j = j + 1;
        }
    }
    swap(&unsorted[i], &unsorted[j]);
    i = i + 1;
}

Run SelectionSort_v1
Unsorted array
50
30
11
29
100
125
36
256
10
-----
After sorted
256
125
100
50
36
30
29
11
10
-----
Process finished with exit code 0
Build finished in 2 s 20 ms (moments ago) 15:4 CRLF UTF-8 4 spaces C:\SelectionSort_v1\Debug Git: master 4:09 PM 7/18/2019
```

Part 2 output: SelectionSort-v2.c



```
VanHaNguyen_Assignment [E:\SchoolStuff\Semester 4 - Summer 2019\Data Structures & Algorithm Dev C - PROG20799\C-Projects\VanHaNguyen_Assignment] - ...\\SelectionSort-v1.c - CLion
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help

VanHaNguyen_Assignment
Project
  VanHaNguyen_Assignment
    cmake-build-debug
      CMakeLists.txt
      main.c
      SelectionSort-v1.c
      SelectionSort-v2.c

26 //Sort the unsorted array
27 for(int i = 0; i < ARRAY_SIZE; i++){
28     int max = unsorted[i];
29     main

Run: SelectionSort_v2 x
Before sort the array
50
30
11
29
100
125
36
256
10
-----
After sorted the array
256
125
100
50
36
30
29
11
10
-----
Process finished with exit code 0

6.3 CRLF UTF-8 4 spaces C: SelectionSort_v1 | Debug Git: master 4:10 PM 7/18/2019
```