

Ignacio Deleon

CSE 3150

Week 6 Exercise

March 2, 2024

Github: <https://github.com/ignaciოდ25/CSE3150>

```
1 #include <iostream>
2 #include <algorithm>
3 #include <fstream>
4 #include <vector>
5
6 #include "int_vector.h"
7
8 using namespace std;
9
10
11 int main() {
12
13     vector<int_vector> my_int_vector;
14
15     ifstream in_file;
16     in_file.open("vectors_2D.txt");
17
18     int id = 0;
19
20     int from, to;
21     while (in_file >> from >> to) {
22         int_vector one_int_vector = int_vector(id++, from, to);
23
24         my_int_vector.push_back(one_int_vector);
25     }
26
27     sort( my_int_vector.begin(), my_int_vector.end(),
28         [](const int_vector & left, const int_vector & right) -> bool {
29         return left.id > right.id;
30     });
31
32     for ( auto vect : my_int_vector) {
33         cout << vect.id << " " << vect.from << " " << vect.to << endl;
34     }
35
36     in_file.close();
37
38 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[ied20003@ied20003 ~]$ g++ int_vector_main.cpp
[ied20003@ied20003 ~]$ ./a.out
4 9 13
3 2 7
2 1 4
1 1 3
0 1 2
[ied20003@ied20003 ~]$
```

Ln 8, Col 21 | Spaces: 4 | UTF-8 | LF | C++ | Layout: U.S.