

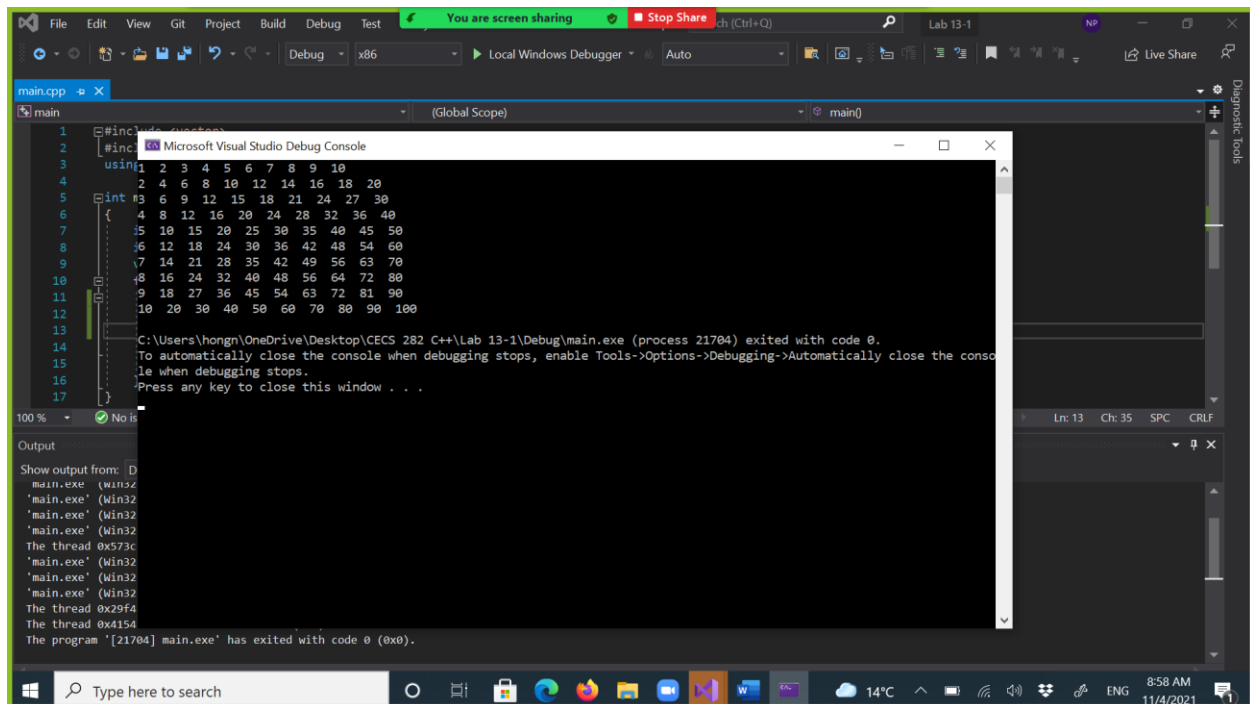
Lab 13-1

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main.cpp

```
#include <vector>
#include <iostream>
using namespace std;

int main()
{
    int col = 10;
    int row = 10;
    vector<vector<int>> table(row, vector<int>(col));
    for (int i = 1; i <= row; i++) {
        for (int j = 1; j <= col; j++) {
            cout << i * j << " ";
        }
        cout << endl;
    }
}
```



The screenshot shows the Microsoft Visual Studio IDE with the file `main.cpp` open. The code is a C++ program that prints a 10x10 multiplication table. The output window displays the table, and the debug console shows the program exiting with code 0. The table is as follows:

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

The debug console shows the following output:

```
C:\Users\hongn\OneDrive\Desktop\CECS 282 C++\Lab 13-1\Debug\main.exe (process 21704) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Demonstrated at 8:58 am on 11/4/2021