**Lab 3-1**

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compare.h

#ifndef COMPARE\_H

#define COMPARE\_H

int& larger(int a, int b)

{

if (a >= b) {

return a;

}

else {

return b;

}

}

int& largest(int& a, int& b, int& c)

{

return larger(larger(a, b), c);

}

#endif

main.cpp

#include <iostream>

#include "compare.h"

using namespace std;

int main()

{

int x, y, z;

cout << "Enter the first number: \n";

cin >> x;

cout << "Enter the second number: \n";

cin >> y;

cout << "Enter the third number: \n";

cin >> z;

cout << "The largest number is: " << largest(x, y, z);

}

A picture containing text, screenshot, monitor, computer

Description automatically generated

Demonstrated at 11:14 am on September, 2nd 2021