**Homework 4**

Computer Programming (I)

Fall Semester, 2024

(Time limit: 1 second)

Add a function named foo to the following program so as to avoid assertion failures:

#include <iostream>

#include <cassert>

using namespace std;

int main()

{

int x, y;

int copy\_x, copy\_y;

cin >> x >> y;

copy\_x = x;

copy\_y = y;

foo( &x, &y );

if ( copy\_x > copy\_y )

assert( copy\_x == x && copy\_y == y );

else

assert( copy\_x == y && copy\_y == x );

}

Please leave the main function intact. Furthermore, please neither disable assertions nor call std::swap. Your foo function should not terminate the program.