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Assignment: HW5.14

This program takes the reference to two ints and then

sorts them.

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#include <iostream>

using namespace std;

void sort2(int& a, int& b) {

int temp = 0;

if (a > b) {

temp = b;

b = a;

a = temp;

}

}

void sort3(int& a, int& b, int& c) {

if (a > b) {

sort2(a, b);

}

if (b > c) {

sort2(b, c);

}

}

int main() {

int first = 10;

int second = 20;

int third = 15;

cout << first << endl;

cout << second << endl;

cout << third << endl;

sort3(first, second, third);

cout << first << endl;

cout << second << endl;

cout << third << endl;

return 0;

}