Lab 09 Report

Multiple Inheritance in C++

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Class person is inherited from two other base class, ISerializable and IComparable. Save, load and comparison functions are inherited from two abstract base classes. I wrote four simple functions for the person class, which was getting and returning height and weight value of a person.

Also, two operator overloading functions were created. One was for checking , if two person objects are same, another was to check elder person of two. So, equal and greater than sign were overloaded.

And, then , for the optional task, I created a bubble sort. Bubble Sort is the simplest sorting algorithm that works by repeatedly swapping the adjacent elements if they are in wrong order. I used the greater than overloaded operator to create descending order.