Create a project called `lab11` (if using Visual Studio).

- Download the file `lab11.cpp` from the project description on Blackboard as your starting point.

- Also download the file `lab11_input.txt` and add it to your project.

- Finally, download the file `lab11_output.txt` for reference.

This project is based on the `UMLPerson` base class from Lab 8 (although for this project, we will be using only the base class, but no derived classes such as `Undergrad`).

Your group will modify the driver program in the supplied source code by using STL generic algorithms per the directions given by comments in the source code. The output of your driver program should match as closely as possible the output listed in the file `lab11_output.txt`.

Your group must also complete the implementations of the functions `compare_IDs` and `printFullName`. The outlines of these functions are given in the starter source code file just above the driver program.

Note that the driver program reads the contents of the file `lab11_input.txt` in order to initialize a database (`vector<UMLPerson> upDB`) for use by the rest of the driver program, so this file should be placed in the same directory as your driver program.

When finished, one member of your group should turn in your modified `lab11.cpp` file on Blackboard.