Module 6: Programming Assignment 6

Start Assignment

- Due No Due Date
- Points 100
- Submitting a file upload
- File Types h, and, and cpp

Programming Assignment

Using derived classes, implement the following hierarchy (from Lecture Notes):

person

    employee
    dependent
    manager
    worker

Maintain the following information for each object:

person

    name
    date of birth
    gender
    SSN
    address
    home phone number

employee

    hire date
    salary
    location
    work phone number

dependent

SSN of employee of which this person is a dependent

address (if different from associated employee's)

manager

title

worker

project on which the worker works

Provide the ability for the user to input and output all the information about each type of object in a driver.cpp module containing the function main(). Also provide public member functions for the user to 1) inquire the value of all the above items, and 2) change the ones that are reasonably changeable. The program must also contain at least two additional modules xxx.h and xxx.cpp containing the function/class prototypes and definitions.

Submit your minimum of three source code (M6_driver.cpp, xxx.cpp and xxx.h) as attachments to the drop box for this module's programming assignment. You can find the drop box at the end of this module's tab page. Do not compress your attachments. Please review the requirements for submitting on the course syllabus.