How To: g++ Guide

These steps will guide you in compiling separate files and linking them in order to execute your driver.cpp using g++ on VENUS.

Steps

1. Copy the files using the given commands in HW 3 handout.
    a. cp ~alayev/cs211/spring2014/hw3/Address.h .
    b. cp ~alayev/cs211/spring2014/hw3/Address.o .

    Notice the dot at the end of the command. The dot says copy to your home directory.

2. Create and compile your driver class which uses the header file, Address.h

    Link to main.cpp example on lab site.

    Compile command to test main and Address: **g++ driver.cpp Address.o**

3. Reminder: You need to separate your Contact class, so you will have two files Contact.h and Contact.cpp

4. When you compile your Contact.cpp file use the –c command to just compile and not link the class.cpp file

    g++ -c Contact.cpp

    This will create an object file, Contact.o

5. Then you can compile your Driver.cpp and link to both object files, Address.o and Contact.o

    g++ -o Driver.exe Driver.cpp Contact.o Address.o

6. Run you program: ./Driver.exe