Quiz&HW#1 “First output + basic ssh commands + transfer of the file”

Score: If you submit it in class you get 3 points, if after – 2 points (in case if everything is up to specs, if not – minor deductions will be applied)

Notes: collaboration is NOT prohibited, but you need to submit your work individually from your email account. You can also use your notes and ask me for help if in class.

1. Connect to Venus and create a folder named lab3.
2. Change into that folder.
3. Create a C++ file named prog1.cpp and open it with a vim editor.
4. Write C++ code into the prog1.cpp that as a result will output the following:
   Hello user!
   Today is Wednesday, February 4, 2015.
   Have a wonderful day!
5. Also add some comment/comments in the body of the code file prog1.cpp (as per slide “Basics” from Lab#3, page 1)
6. Compile your program saving an executable file to a file named prog1 using the following command:
   g++ prog1.cpp –o prog1
7. Run the prog1 file (same format as of the command for a.out):
   ./prog1
8. Make sure that the output produced by your program is the same as was asked in p. 4. If different – edit the file and check again.
9. Open your email account (any email account you want).
10. Using the sftp protocol, transfer the file prog1.cpp from Venus to desktop and attach it to the email.
11. From the window of your Venus connection (ssh protocol connection/putty) copy everything into the body of the email (I need to see the commands you used).
12. Send this email to marina.tanasyuk@qc.cuny.edu with the following subject line:
   CS111 Lab3 Quiz&HW#1 YourLastName_YourFirstName

   Check list! Your email MUST have all of the following:
   - Subject line as specified in p.12.
   - File prog1.cpp attached.
   - Shell output (ssh protocol or putty connection output) copied into the body of the email from p.11.