

CSCI 135 Software Design and Analysis

Homework 1

Due 09/12/08

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PART 1

This part is to help you access your account, change your password, get familiar with the Unix operating system, and write/compile your first C++ program.

- Log in using your user name and the default password hunter1.
- Open a terminal window. To do this, right click on the desktop and choose terminal from the popup menu.
- The terminal window provides you with a command prompt. Change your password using the passwd command. At the command prompt type passwd. This will ask you to enter your old password, hunter1, and provide your new password. Once your password is successfully changed, this is the password that you will use for future logins.
- Change directory to Desktop by typing: cd Desktop
- Create a directory (folder) under the Desktop directory called csci135. This directory will hold the C++ code files. To create this directory type: mkdir csci135. You should observe a new icon folder created on your desktop.
- Change directory to csci135.
- Create a file called hello.c in this directory. To do this, use the command touch, type: touch hello.c
- Open the file just created (empty file) with the text editor emacs. Type emacs hello.c &
- Write your first C++ program:

```
#include <iostream>

using std::cout;

int main() {
    cout<<'hello world\n';
}
```

- Save the file by choosing save from the File menu, or simply pressing Ctrl X S (Hold the Control key then press X followed by S).
- To compile the program, at the command prompt, type: `g++ hello.c -o hello`
- To run the program (if compiled successfully, it will create the executable file hello), type: `./hello`

PART 2

Do Labs 1 and 2 described on the course website.