

CS 215 – Study Questions 1

Compiling and Executing C++ Programs

1. What is the purpose of the C++ statement:

```
string name;
```
2. What does the C++ command

```
cout << "this is a string" << endl << endl;
```


do?
3. What is terminal?
4. What is Putty?
5. What is emacs?
6. What is vi(m)?
7. What program do you use to compile a program on the cwolf server? Write a command that uses this program to compile a program called myprogram.cpp.
8. How often do you have to (re-)compile a program?
9. Write a Linux command to copy the file myprogram.cpp to a new file called yourprogram.cpp.
10. Why do we put the line

```
#include <iostream>
```


in our C++ programs?
11. What library do you need to include in your C++ program to use the sin function?
12. What is cout? What is cin?
13. In Lab 1 we used a while loop that took the value of the variable "angle" from 0 to almost 6.28. What is the significance of this set of real number values?
14. What is the output of the following segment of C++ code?

```
int counter = 0;  
while (counter < 10)  
{  
    cout << "This is a line of output!" << endl;  
}
```