

September 11, 2014

CS120 Lab 2

Notes & Lab1

- ▶ Appologize:
 - ▶ No **hard copy** after Assignment 1;
 - ▶ **cscheckin** version required;
- ▶ Lab1 Distribution

| | | | |
|------------|----|---|----|
| S core | 8 | 9 | 10 |
| Count (19) | 12 | 1 | 6 |

- ▶ **Comment** your code when it's necessary
- ▶ **Indent**, Format the code file
 - ▶ By default, for c++/c file, tab = 4 space
- ▶ **Source code** example: **lab1.cpp**
 - ▶ comment
 - ▶ indent
 - ▶ space format around operator
- ▶ nano keyboard commands:
 - ▶ <http://staffwww.fullcoll.edu/sedwards/Nano/UsefulNanoKeyCommands.html>
 - ▶ From this lab, I begin to use **Emacs**

cmath library

- ▶ cmath library Functions

<http://www.cplusplus.com/reference/cmath/>

- ▶ `pow(base, exponent)`: Returns base raised to the power exponent;
- ▶ `sqrt(x)`: Returns the square root of x;

| Powre Functions | Exponetnial Functions | Trigonometric Functions | Rounding Remainder |
|--------------------|--------------------------|----------------------------|-----------------------|
| <code>pow</code> | <code>exp</code> | <code>cos</code> | <code>ceil</code> |
| <code>sqrt</code> | <code>log</code> | <code>sin</code> | <code>floor</code> |
| | | <code>tan</code> | <code>trunc</code> |

- ▶ try to remember the library names
- ▶ try to remember the popular functions within each library