Exam on Tuesday at 4:00 – 6:00

Open book open note no electronics

150 points. 100 point column and 50 point column on moodle.

2/3 of materiel from after the midterm 1/3 from before

30% writing things out in text, 35% writing code snippets, 35% reading code

No trick questions

Similar to midterm in structure

Histogram for grades pre-assignment 7 and final on moodle

Whats on the final?

Some content questions: should have learned by now how to compare c++ and java

Java doesn’t really compile, c++ goes down to machine code, both java and c++ have similar constructs that are slightly different, java interface not the same as c++ header file. Java is different for declaring symbols.

Will ask

Difference between different uses of consts

Difference between call by reference and call by value

Write a couple of things

loop to iterate over a vector of double using an iterator

signature for the function, write the code to do it

not worried too much about syntax and such, mostly just content related.

Read code and decipher what happens

Recursion

One question harder than the rest

Chapter 19 in book: Standard template library (vector, map, set)

Iterate over any of our containers

No exception handling

Inheritance, polymorphism, overloading functions,

Streams, file i/o (be able to read this)

Cout writes asci characters, not binary integer values

Classes, structs, header files

Scope of variables

Dr. gay’s slides, software testing from moodle site