**CS575**

4/3/17

Announcements

* May move to Dearborn 118
* Assume Kidder 364 until hearing otherwise

Syllabus

* Should look at the announcements on the website every few days
* Submit the grading form again if you want to rewrite your alias, etc.
* icc and icpc work really well and at times won’t be allowed because they automatically detect parts of the code that aren’t needed, etc.
* Some good videos on how to do a lot of things that are not taught but should be learned are posted on the website as well
* VHR (virtual hand raise) for types of questions that the professor will email the entire class about
* Test # 2 is during finals week and will not be comprehensive
  + Coincidentally takes place during Cinco de Mayo, dressing up is okay
  + Tests 100 points each
* Bonus days for projects are a thing, most useful in the later projects
* Weekly quizzes on Canvas that will open after Friday and close on Sunday, etc.

OpenCL: Open Compute Language

Good time to figure out what version of OpenCL you use (Using PrintInfo.exe?)

* Won’t be needed for around 5 weeks or so

Be sure to read through all of the project notes

If a 2D plot is requested, should consider having 2 or more plots with flipped axes in order to best illustrate the important trends

4/5/17

Announcements

TA pictures are up

Office hours set

Class now in Dearborn 118

For Macs:

* SSH into flip or flop
* Use boot camp

Project 0 really just an excuse to make people figure out how to use compiler, etc.

Course material

Looks to be mostly just whatever is on the notes

Went through project 0, intented to be really easy

Went through Simple OpenMP and parallel programming background information notes

OpenMP – Open Multiproccessing, used by a million companies, etc.

#pragma omp directive [clause] – tells the computer to work in parallel

icpc uses –openmp to turn on OpenMP

Thread – independent path through a program

Thread pool – “thread t?”

Scheduler – we have no control of how it schedules and we don’t know what it will do