# CS 377
# Discussion 4

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# Lab 1

- Due October 2nd

- http://lass.cs.umass.edu/~shenoy/courses/fall14/labs/lab1/index.html

# Pthreads: Creating and Destroying Threads

- **pthread_create (thread, attr, function, arg)**
  - pthread_t* thread – address of pthread_t variable
  - attr – thread attribute object, just use NULL
  - void* function – the C++ function that the thread will run after it is created
  - void* arg – single argument for the function that the thread will run

- **pthread_exit(status)**
  - status – just use NULL
  - called inside of function passed to pthread_create

# Pthreads: Examples

- thread1.cpp and thread2.cpp

- http://www.tutorialspoint.com/cplusplus/cpp_multithreading.htm