

CMPE 230 Systems Programming
Homework 3

Implement a multithreaded program called **matmult** that will be run from the command line as follows:

matmult t n m

Here, t is the number of threads, n is the size of the matrix (i.e. n by n) and m is the number of matrices. The program **matmult** will randomly generate m $n \times n$ matrices and then multiply these matrices to form their product using t threads (t threads in addition to the main thread). When doing multiplication, divide m matrices evenly (to within one), among the threads.