**ECE 432-532 Lab exercise - 9**

**Fall 2017**

**Exercise:**

Write a program that:

1. Asks form a user a number (N)
2. Spawns N omp threads
3. Each thread prints a random number
4. The master thread prints the total sum of all the generated numbers

What happens if the user enters a negative number?

What if the user enters 0?

Your program should be written in a way that if openmp is not supported on the system, it should run without any issues. Test the result.

Tip: compile openmp program command:

gcc –g –Wall –fopenmp <youdoce.c> -o <your\_program>