Operating Systems

Homework 3 (due date: 05.04.2019)

- 1- a. Including the parent thread, how many threads are created in the following program? Explain your answer.
 - b. What will be the maximum speedup if we run the following program on a computer with 4 cpu assuming that the 4*T percentage of program can be run in parallel. (T is the number of threads).

2- Assume that the following function is called by 2 threads and x is a global variable. What are the possible outputs? Explain the scenarios that leads to each output.