**Activity Number 2**

**Name:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Roll #:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Section:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q1. Given arrays: A1= {1,4,9,12,6,14,3,7,11,5}, A2={44,5,6,17,9,13,15,1,3,22}, A3={33,22,18,17,19,4,5,34,27,20 }. First, you need to calculate mean of each array separately, finally you are supposed to calculate mean of all arrays’ mean. .**

1. List Pipelined tasks
2. List Parallel tasks
3. Draw a task dependency graph
4. Write a program in OpenMP C language, clearly mention number of threads used in

parallel region. (Hint, reduction, parallel for, sections, scheduling)