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. .

a) List Pipelined tasks
b) List Parallel tasks
c) Draw a task dependency graph
d) Write a program in OpenMP C language, clearly mention number of threads used in parallel region. (Hint, reduction, parallel for, sections, scheduling)