**Activity Number 3**

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

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

**Q1. Consider two matrices of 2 by 2. You need to take input from the user to perform matrix multiplication.**

1. Draw a task dependency graph
2. Write a program in OpenMP C language, clearly mention number of threads used in

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