MCSE503P – Computer Architecture and Organization (L53+L54)

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Ex. No: 04

(1)   Write an Open MP program using C for the following 2-D array and perform the following task.

Matrix addition, subtraction and multiplication. Find the trace of input and resultant matrices. Also compute the time to perform the above task with different size of matrices (like 2 x 2, 5 x 5, 10 x 10, 20 x 20, 50 x 50) with different thread counts. Assign the matrix elements using random function.