Lab Assignment I

1. To generate the random numbers by using different generator parameters and create a file as database to be used for realization of matrix operations

2.Perform the matrix basic operations (Addition, Subtraction Multiply, Matrix Inversion,

   (a matrix and a vector)), for different dimensions of the matrix.

3. Multiply 2 matrices A[2000,2000] and B[2000,6000]. Calculate the computational time.

4. Perform parallel program for the matrix operations (Addition, Multiply, (matrix and vector)). Calculate the computational time.