

```
multiReturn matrixMultiSEQ(matrix matrixA, matrix matrixB, matrix matrixC){
    printf("\nStart sequential multiplication ... \n");
    //double time1=omp_get_wtime();
    double time1=MPI_Wtime();
    for(row=0;row<matrixA.rows;row++){
        for(col=0;col<matrixB.cols;col++){
            int tempSum=0;
            for(add=0;add<matrixA.cols;add++){
                tempSum += matrixA.matrix[row][add] * matrixB.matrix[add][col];
            }
            matrixC.matrix[row][col] = tempSum;
        }
    }
    //double time2=omp_get_wtime();
    double time2=MPI_Wtime();
    printf("finished\n\n");

    multiReturn mr = {"SEQ",time2-time1};

    return mr;
}
```