

# Parallel Programming Practical Oral Exam

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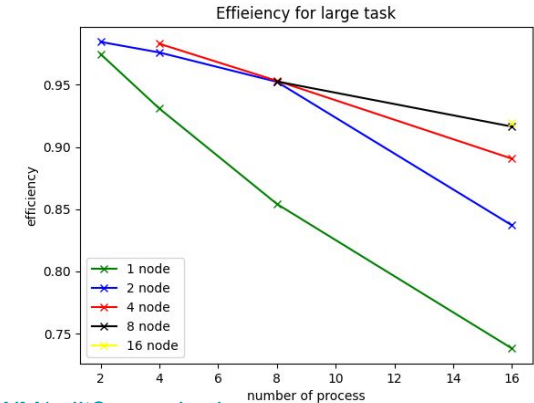
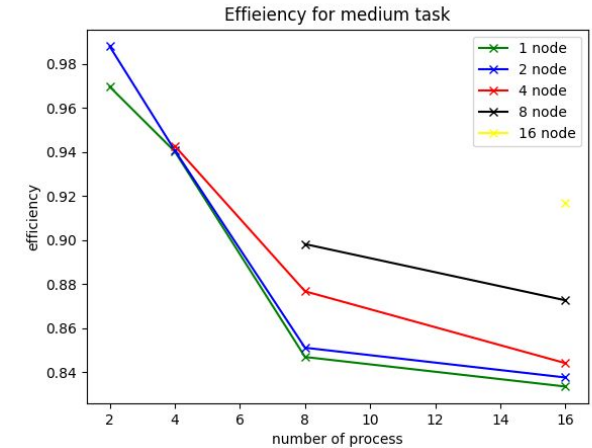
# Overview of C-MPI Assignment

## Highlights:

1. Latency hiding implemented
2. Computation and Communication times measured

## Findings:

1. The efficiency drops when the number of processes increases
2. With same number of processes, the efficiency **drops** when the number of nodes increases
3. Latency hiding can slightly increase the efficiency
4. The result of bonus2(computation and communication times) also confirmed the result of Finding 2.



# Overview of Julia Assignment

## Main Findings:

1. The efficiency drops when the number of processes increases, on both sizes of tasks
2. With same number of processes, the efficiency **increases** when the number of nodes increases (which is different from C-MPI assignment)
3. The efficiencies are far worse than that in C-MPI assignment, aka it is more difficult to achieve good efficiency without MPI

