HPC-Academy-Project

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* 1. omit
  2. omit
  3. omit

I use openMP for this question,

Code:

void in\_ordered(int iam,int np)

{

#pragma omp parallel private(iam, np)

{

np = omp\_get\_num\_threads();

iam = omp\_get\_thread\_num();

#pragma omp for schedule(static,1) ordered

for(int i=0;i<np;i++)

#pragma omp ordered

printf("Hello from thread %d out of %d\n", iam, np);

}

}

Please find all code in attached file. $./run.sh to compile and run.

1.5

I’m not very clear about what is being asked, in my initial consideration, this task can be easily finished with MPI\_bcast subroutine.