

Dated :
Assessment No. : 6

Basic MPI Communication Routines

AIM

Consider a suitable instance that has MPI routines to assign different tasks to different processors.

For example, parts of an input data set might be divided and processed by different processors, or a finite difference grid might be divided among the processors available. This means that the code needs to identify processors. In this example, processors are identified by rank - an integer from 0 to total number of processors.

1. Implement the logic using C
2. Build the code
3. Show the screenshots with proper justification

Note.

Compile and run with: mpicc -o Hello Hello.c mpirun -np 4 ./Hello
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