**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