Question 1

Correct

Mark 1.00 out of 1.00

Is it true that all calls to MPI must be enclosed between MPI_Init and MPI_Finalize?

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Try another question like this one

Question 2

Correct

Mark 1.00 out of 1.00

Match each question to the correct answer.

Which command do we need in order to compile a program written in the C programming language with MPI extensions?   [mpicc ▴▾] ✔

Which command do we need in order to run an MPI program in parallel with a number of processes specified at launch time?   [mpirun ▴▾] ✔

The correct answer is: Which command do we need in order to compile a program written in the C programming language with MPI extensions? → mpicc, Which command do we need in order to run an MPI program in parallel with a number of processes specified at launch time? → mpirun

Try another question like this one

Question 3

Correct

Mark 1.00 out of 1.00

Which MPI primitive can we call to query how many processes are executing the program?

Select one:

○ a.   MPI_Init

○ b.   mpirun

○ c.   MPI_Comm_rank

◉ d.   MPI_Comm_size ✔

The correct answer is: MPI_Comm_size

Try another question like this one

Question 4

Correct

Mark 1.00 out of 1.00

Which is the word used in MPI to refer to the identifier of an MPI process?

Answer: | rank | ✔

Question 5

Correct

Mark 1.00 out of 1.00

The global communicator MPI_COMM_WORLD is available to all processes running the MPI program for performing communications among them.

Select one:

◉ True ✔

○ False