

- 1) Write a parallel program to find the minimum and maximum values among the elements of the vector.
- 2) Write a parallel program in which two processes exchange messages between each other as follows:
Processor 0 counts 1 and sends message to processor 1.
Processor 1 counts 2 and sends message to processor 0.
Processor 0 counts 3 and sends message to processor 1.
Processor 1 counts 4 and sends message to processor 0.
.....
Processor 0 counts 99 and sends message to processor 1.
Processor 1 counts 100 and sends message to processor 0.
- 3) Write a parallel program in which N processes transmit a message to each other according to the relay race principle: the 0th sends to the 1st, the 1st sends to the 2nd, ..., the N-1st sends to the Nth, the Nth sends to the 0th.