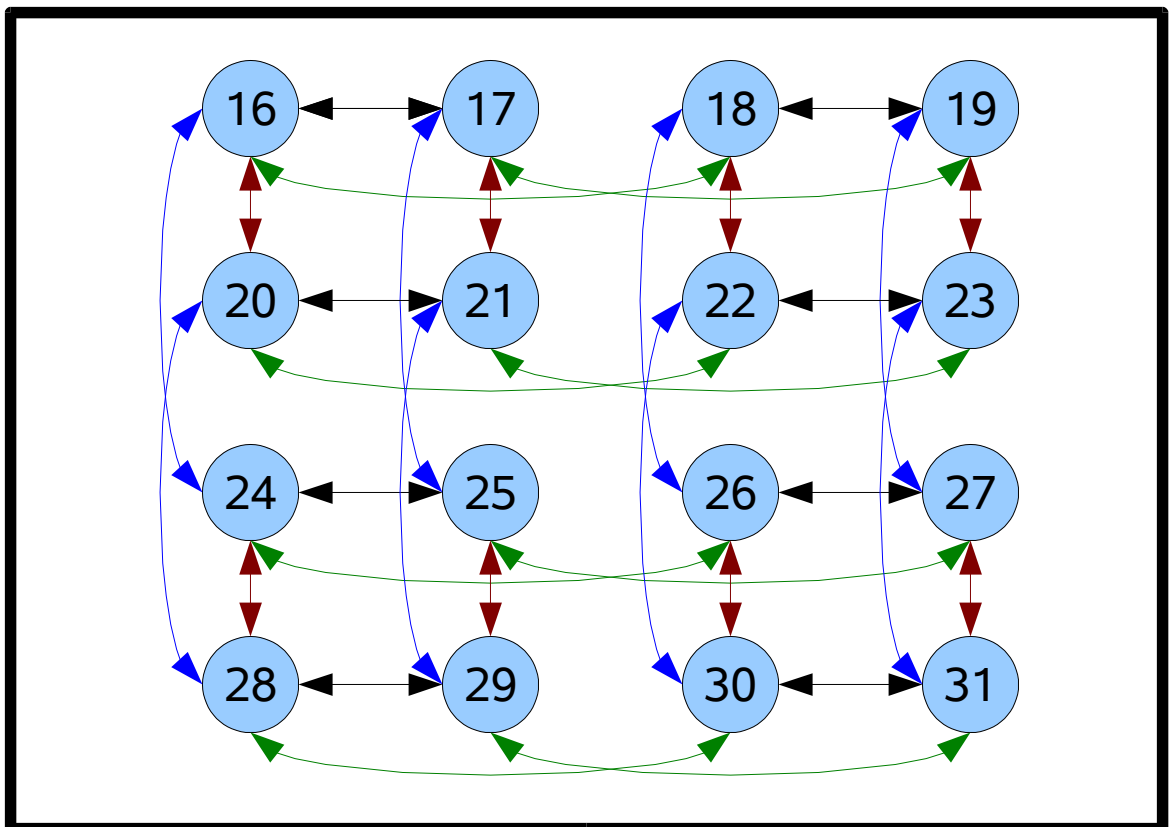
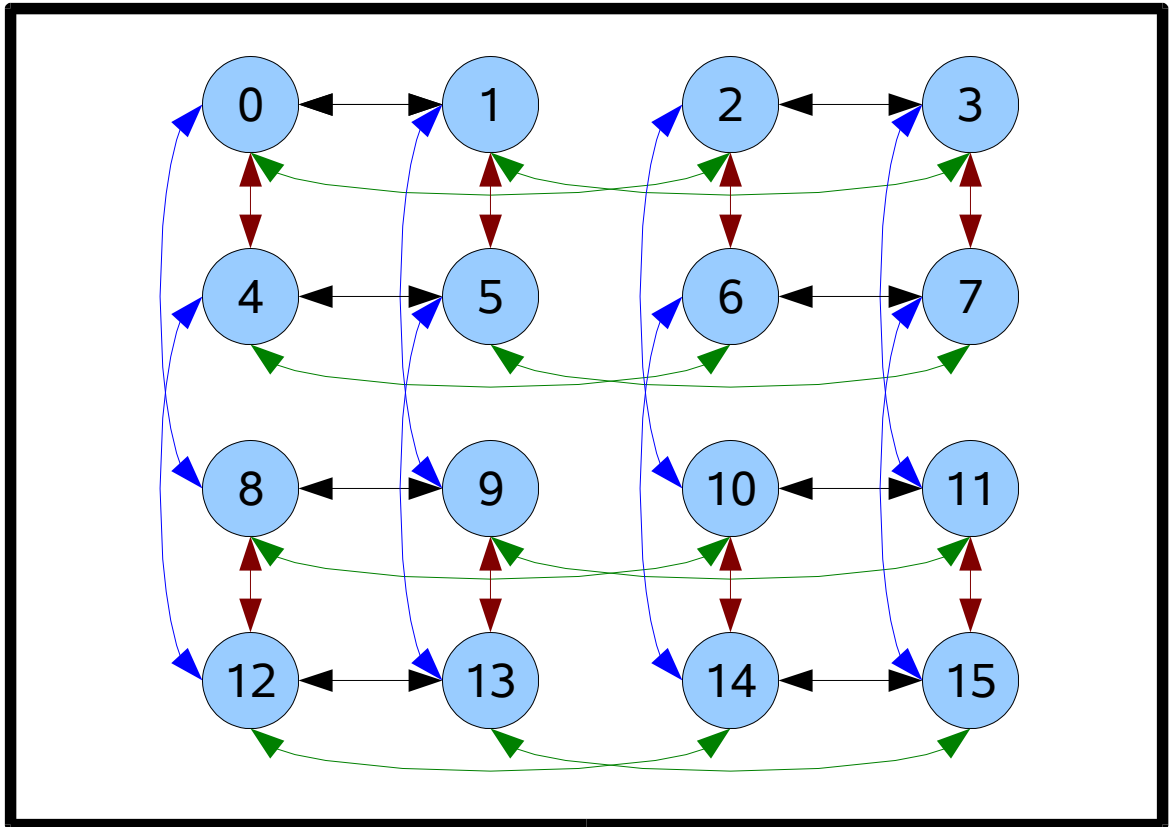
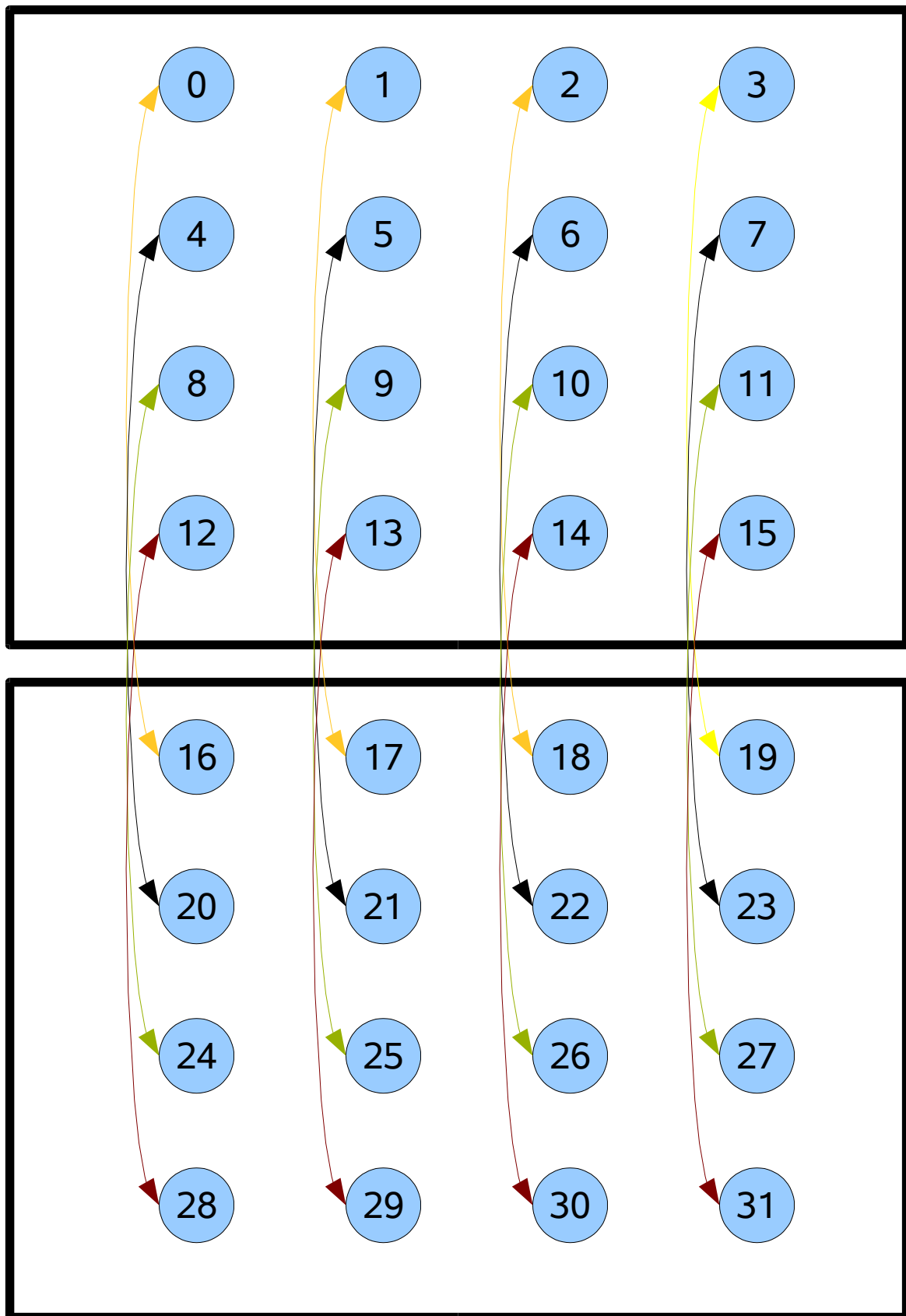


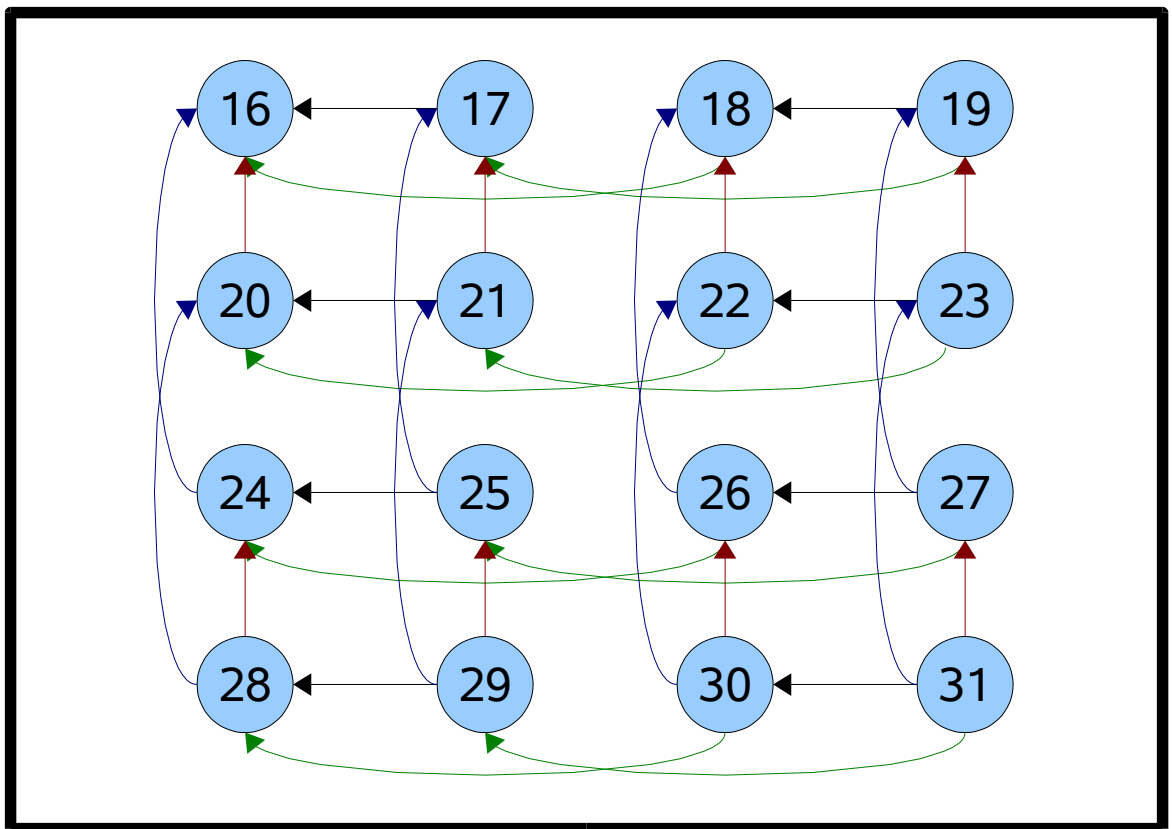
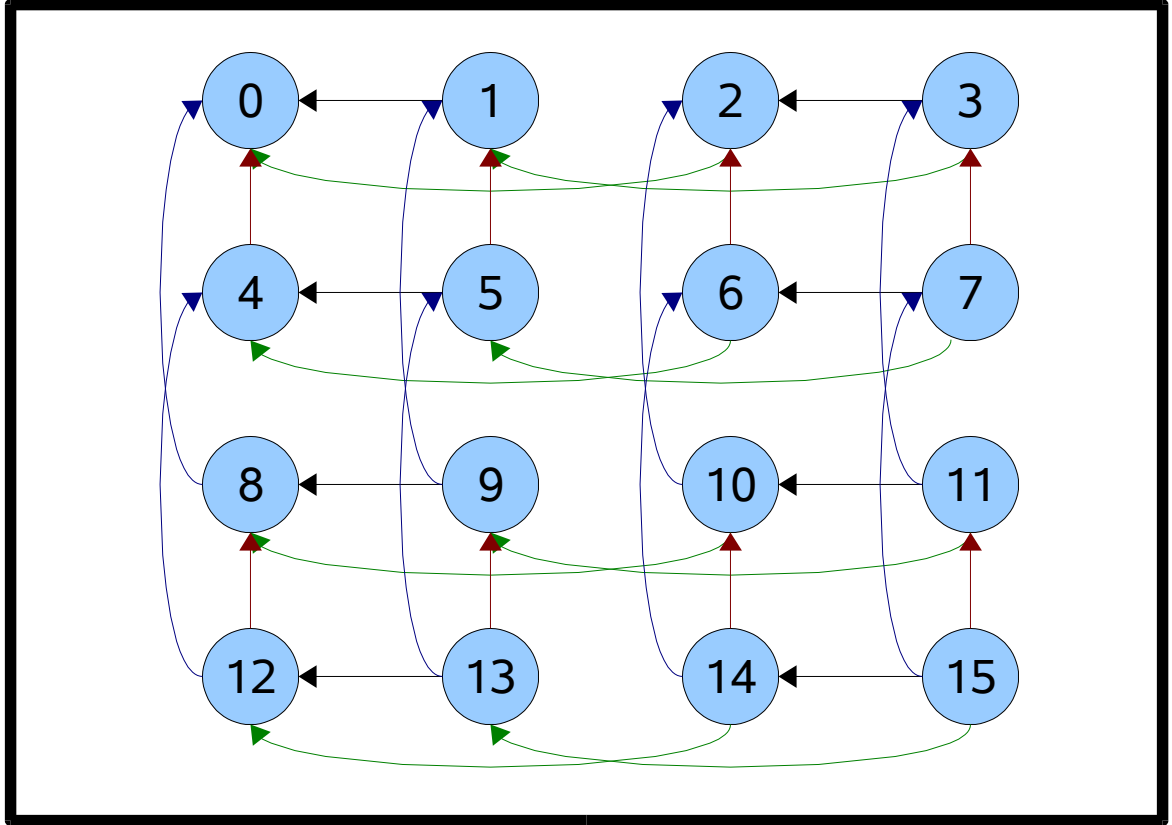
On-node communication for first four steps of MPI\_Barrier.  
Recursive doubling implemented as send/rcv between  
processes.



Internodal communication for last step of MPI\_Barrier using send/recv.



On-node communication for first four steps of MPI\_Barrier. Implemented with recursive doubling but each step is only a send or receive. So, only first half of barrier is shown.



Inter-node communication for last step of MPI\_Barrier. This is final step of first half. Everything is reversed after this.

