

Deadlock occurs!!!

The current pending operations are:

MPI\_Isend (buf0, buf\_size, MPI\_INT, rank+1, 0, MPI\_COMM\_WORLD,  
&req)

MPI\_Isend (buf0, buf\_size, MPI\_INT, rank-1, 0, MPI\_COMM\_WORLD,  
&req2)

No pending collective operation!