

***MPI problems 1***

1. Write a program that modifies the program `sendRecData.c` so that it circulates the message “I am here (<process rank>)!” among the processes which are spawned in a ring.
2. Write a program where the process of rank 0 sends a message, stating that it is alive and well, to all other processes in the communication group. These, in turn, upon receiving the message, will send a message back to it, stating the same. The process of rank 0 reads all the messages that it has received and prints them in the computer screen.