```
os@neon-virtualbox:~/ex-2-hope$ gcc server.c -o s
os@neon-virtualbox:~/ex-2-hope$ ./s

Shared memory ID = 65547

Server

Server read: hello world

Server write: dlrow olleh

Server

Server read: hi

Server write: ih
^Cos@neon-virtualbox:~/ex-2-hope$ ipcs

------ Message Queues --------
key        msqid      owner      perms      used-bytes   messages

------ Shared Memory Segments --------
key        shmid      owner      perms      bytes      nattch     status
0x00000000 32768      os         600        6930432    2          dest
0x00000000 32769      os         600        6930432    2          dest
0x00000000 32770      os         600        7372800    2          dest
0x00000000 32772      os         600        327680     2          dest
0x00000000 65542      os         600        3932160    2          dest
0x00000000 32777      os         600        8192       2          dest
0x00000000 32778      os         600        8192       2          dest
0x00000000 28         os         600        7864320    2          dest
0x00000000 65566      os         600        3686400    2          dest
0x00000000 65567      os         600        3686400    2          dest
0x00000000 36         os         600        7864320    2          dest
0x00000000 37         os         600        7864320    2          dest
0x00000000 41         os         600        491520     2          dest
0x00000000 43         os         600        491520     2          dest
0x51017fa2 49         os         600        3208       3
0x00000000 51         os         600        7372800    2          dest

------ Semaphore Arrays --------
key        semid      owner      perms      nsems
0x51017f9f 0          os         600        1
0x51017fa1 2          os         600        1

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```