DCL
numberWritten Integer,
writeID Integer,
writePID PId,
readID Integer,
readPID PId;

Phase1

requestWrite(WriteID,numberWritten,writePID)

requestRead

producerXWroteItemY(WriteID,numberWritten)

approveWrite
TO
writePID

Phase2

requestWrite

requestRead(readID,readPID)

consumerXReadItemY(readID,numberWritten)

approveRead(numberWritten)
TO
readPID

Phase1