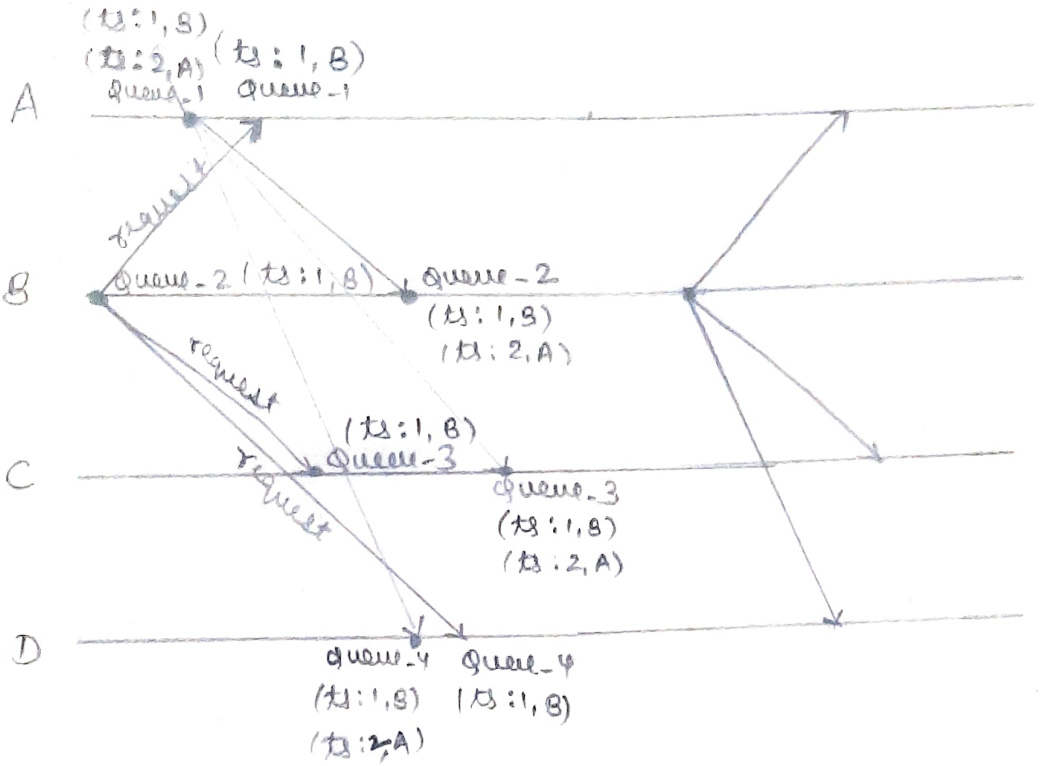
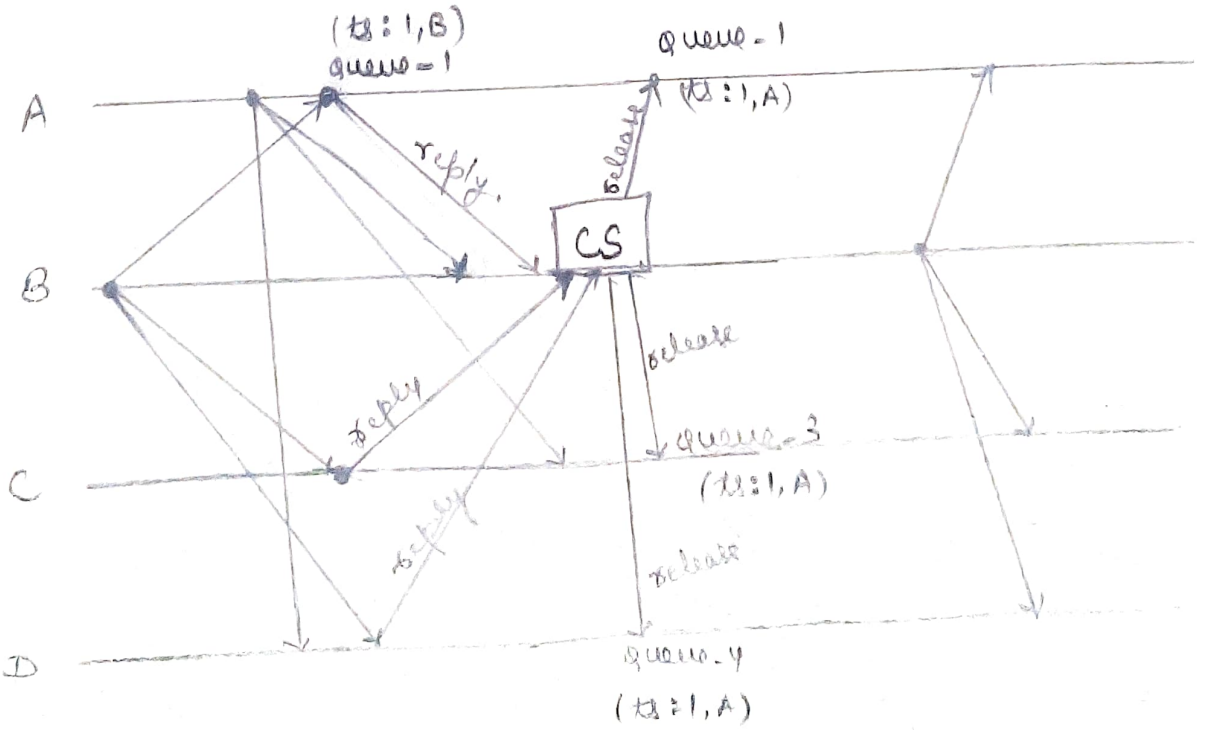
Shubhangi Sharma
19212007I.

Lamport's M.E. Algorithm

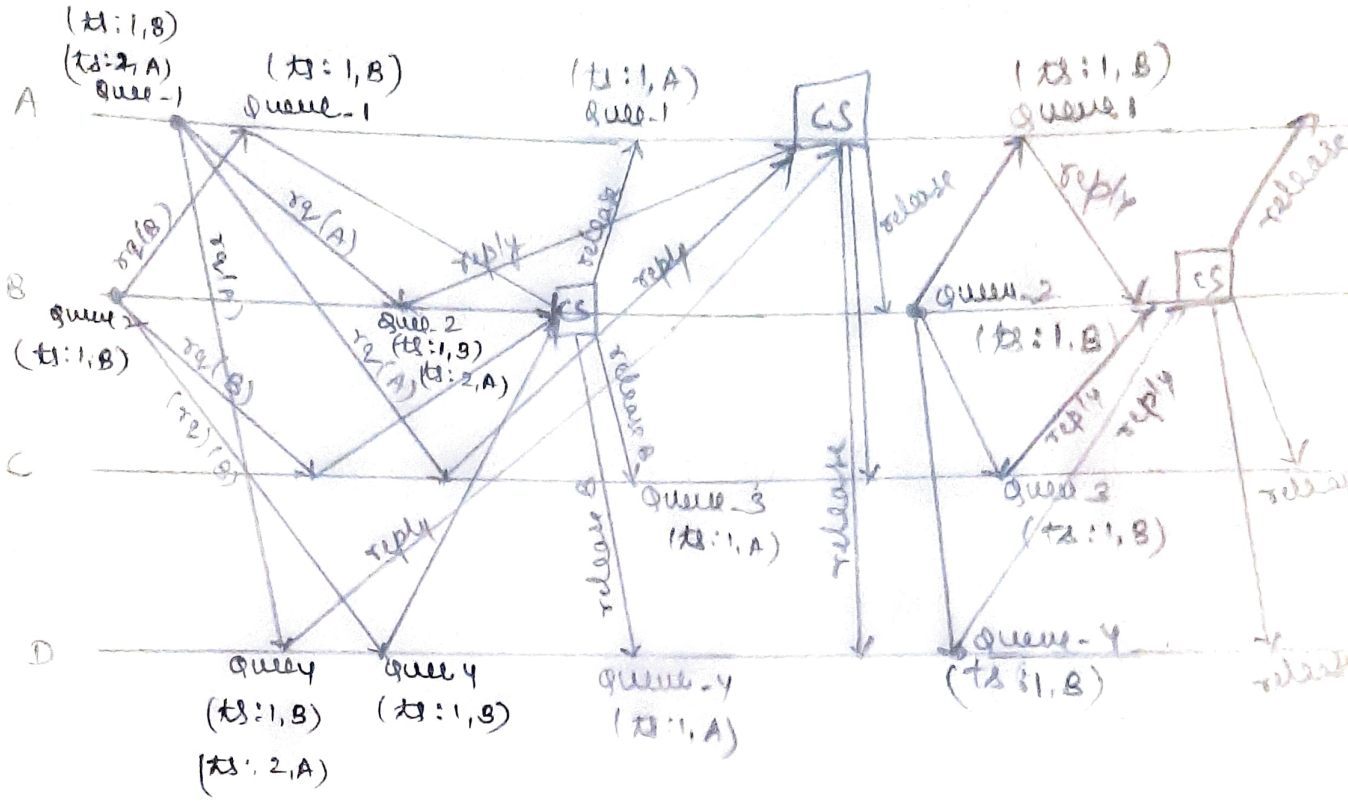
(1)



(2)



③



(ts:1,B)
(ts:2,A)
Queue-1
(ts:1,B)
Queue-1
(ts:1,A)
Queue-1
CS
(ts:1,B)
Queue 1
A
B
C
D
rq(B)
rq(A)
rq(A)
rq(B)
(rq)(B)
reply
release
reply
release
reply
release
Queue 2
(ts:1,B)
Queue 2
(ts:1,B)
(ts:2,A)
CS
release B
release B
Queue 3
(ts:1,A)
release
Queue 2
(ts:1,B)
CS
reply
reply
Queue 3
(ts:1,B)
Queue 4
(ts:1,B)
(ts:2,A)
Queue 4
(ts:1,B)
Queue-4
(ts:1,A)
Queue-4
(ts:1,B)