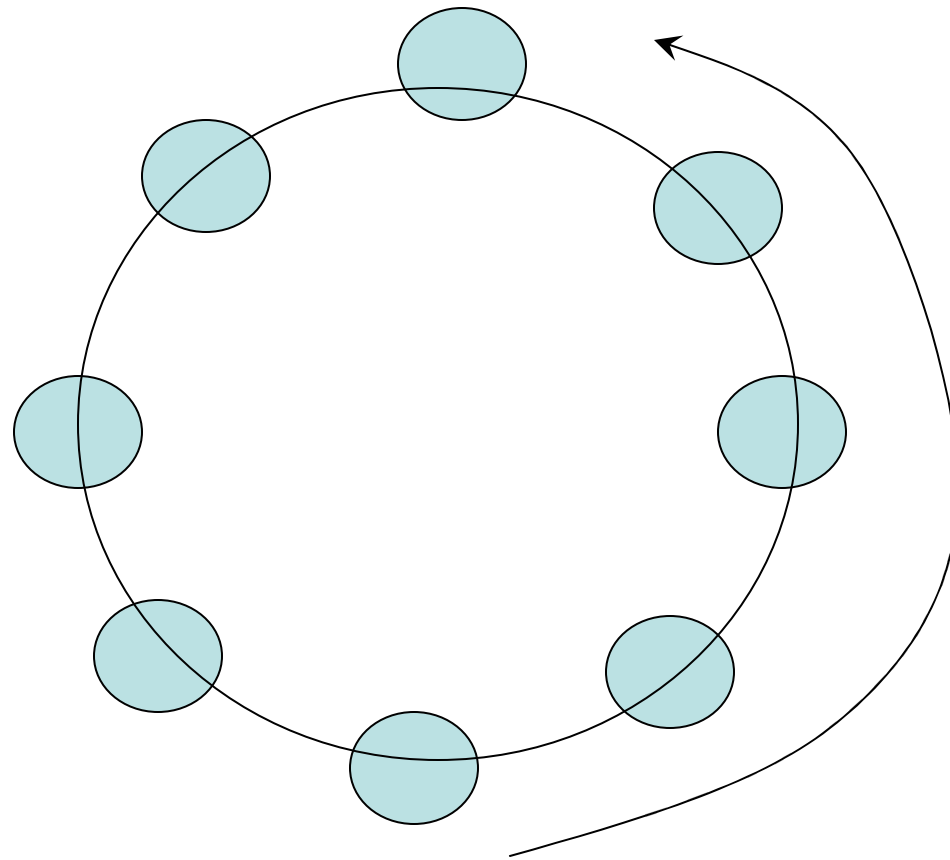


Leader Election

CS 451 lecture

Unidirectional Ring

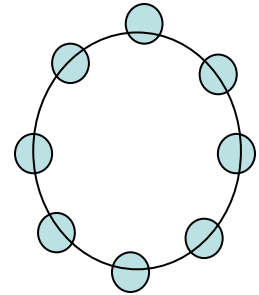


Any processor may start leader election

It may be started simultaneously by many processors

At any time, only one processor is elected as a leader

Unidirectional Ring



What you need to implement:

Thread that initiates LE,pid :: ...

Thread that receives LE,pid :: ...

Notes:

Initiator process sends to its neighbour, its intention of becoming the leader

A process that receives a request from its left node forwards it if and only if (Complete the sentence)

Many processes may start initiation simultaneously