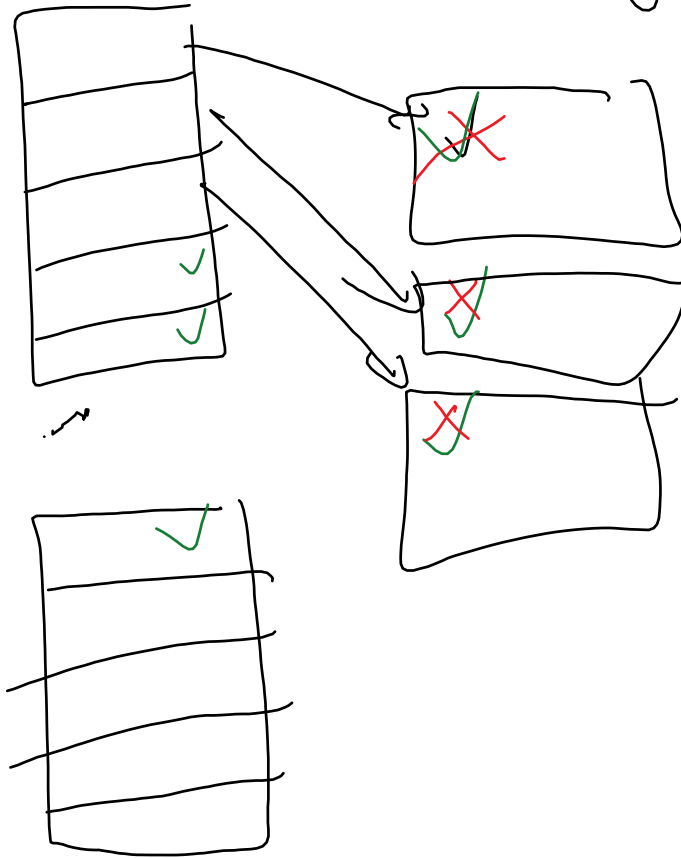


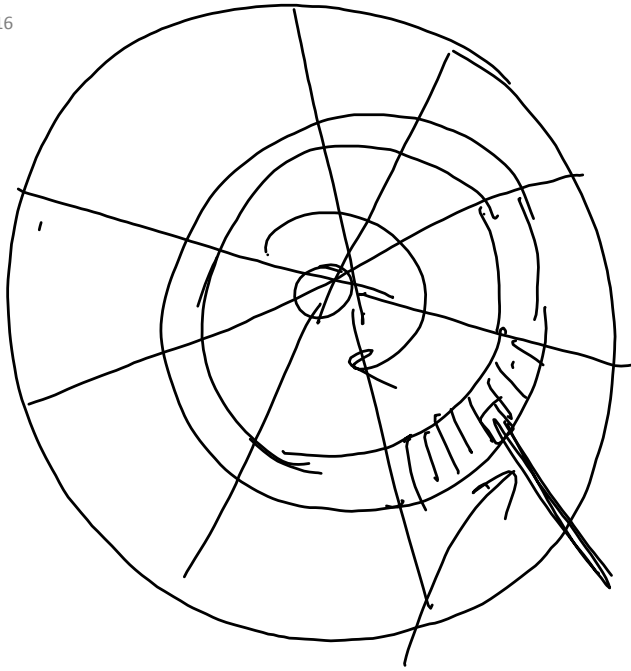
Slab Allocation

cache of unused objects



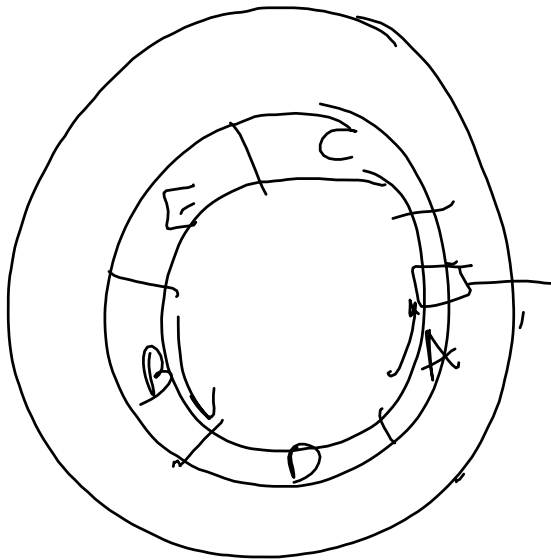
used as
needed

Semaphore
Cache

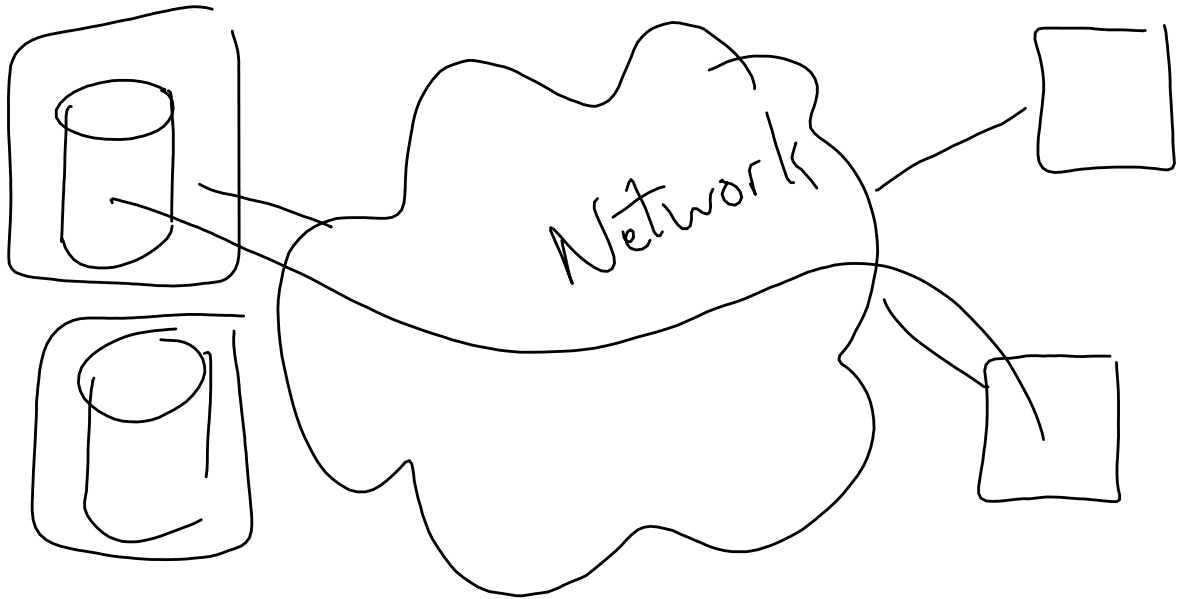


- R/w head to cylinder
- wait for sector
- transfer

Direct Access

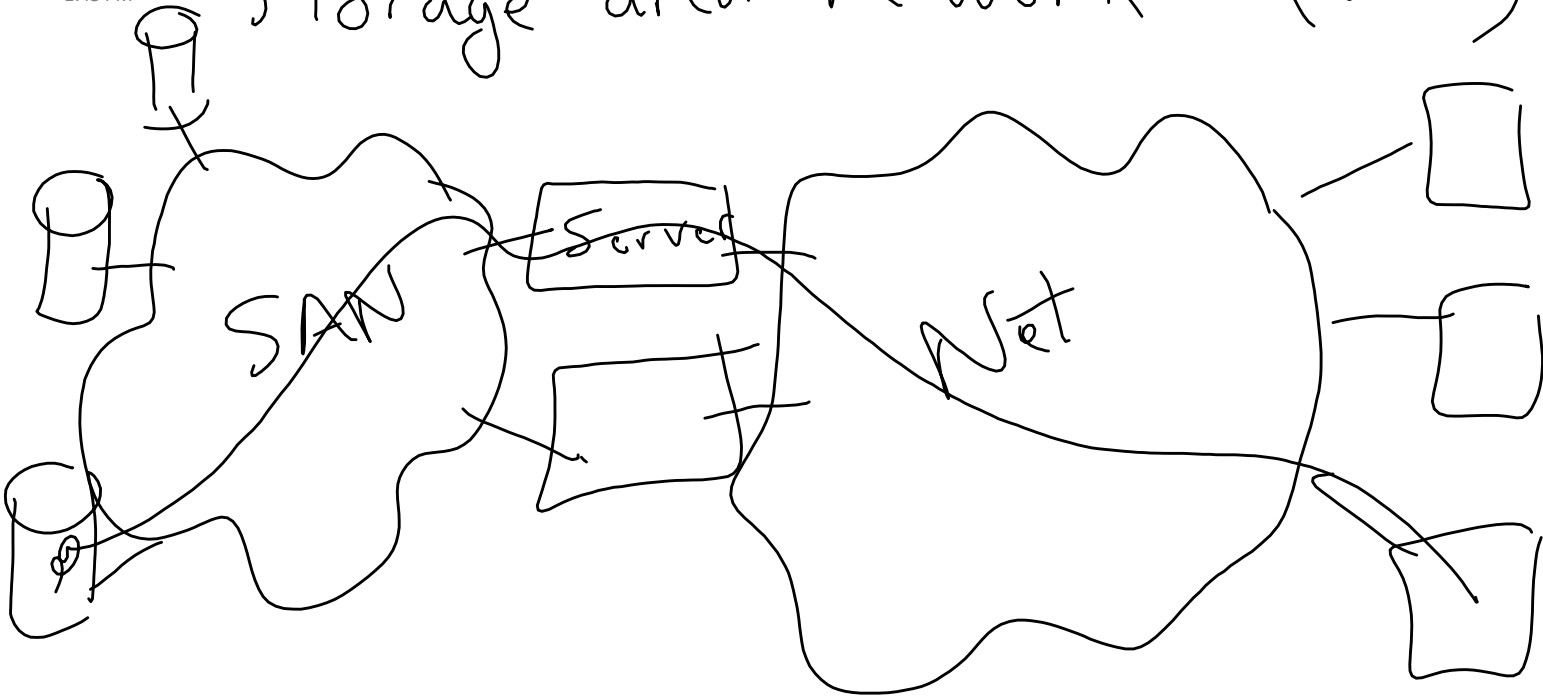


Network Attached Storage (NAS)



Thursday, April 07, 2016
1:43 PM

Storage area network (SAN)



Disk Scheduling

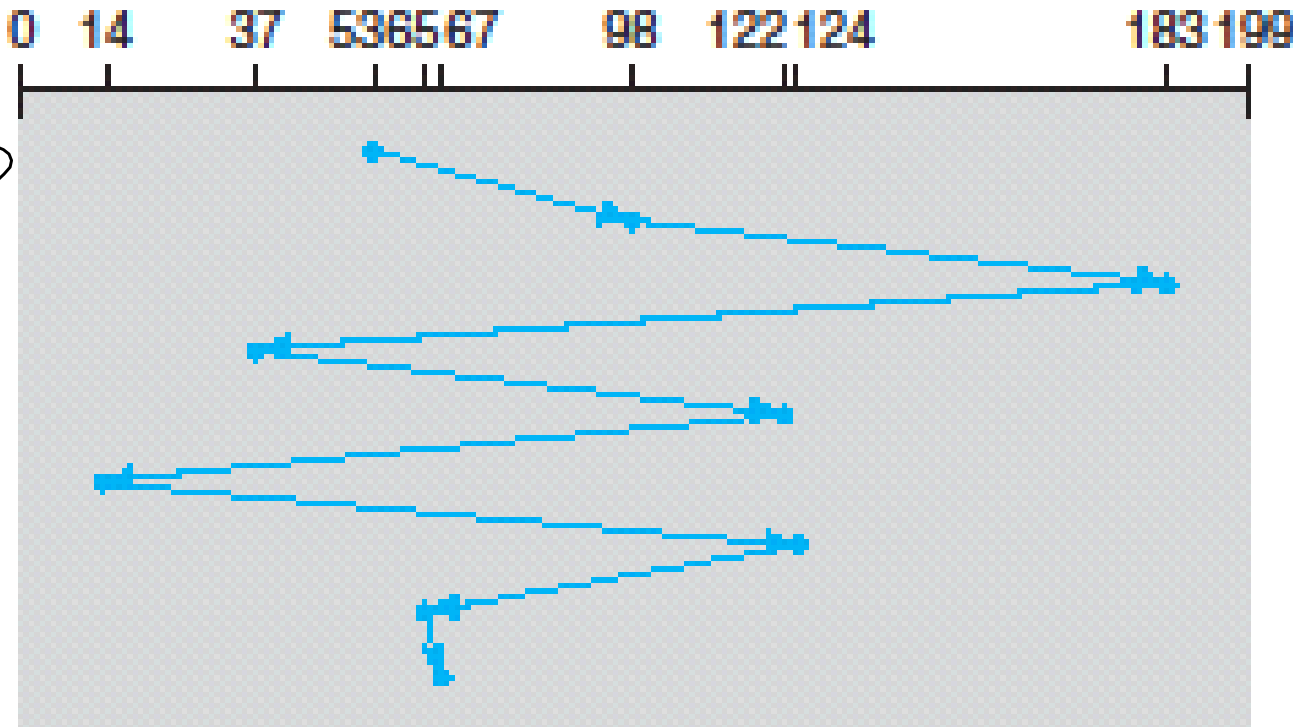
List of Disk operations



10_04_FCFS

queue - 98, 183, 37, 122, 14, 124, 65, 67
head starts at 53

FCFS

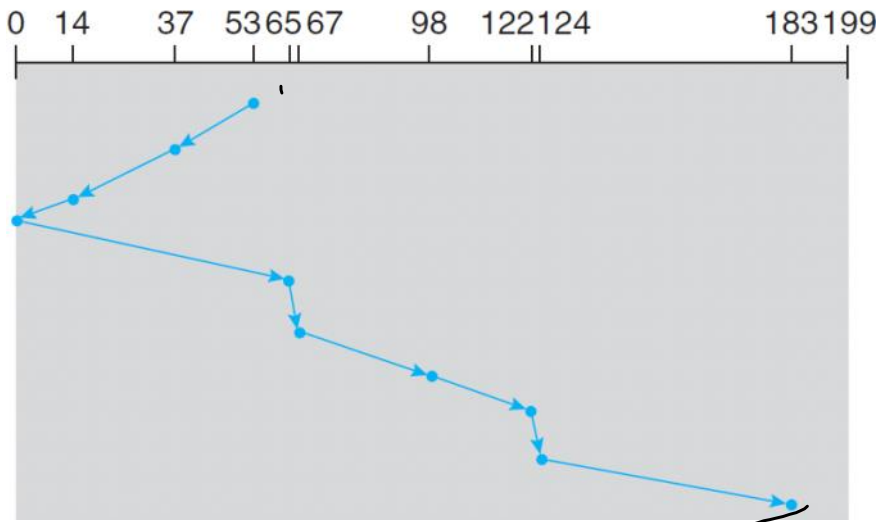


Thursday, April 07, 2016
1:53 PM

Elevator Algorithm

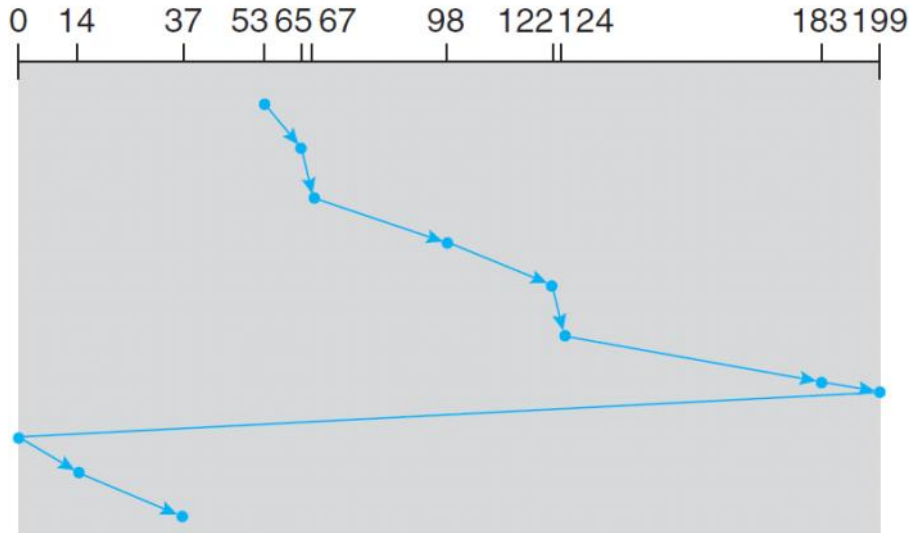
queue = 98, 183, 37, 122, 14, 124, 65, 67

head starts at 53



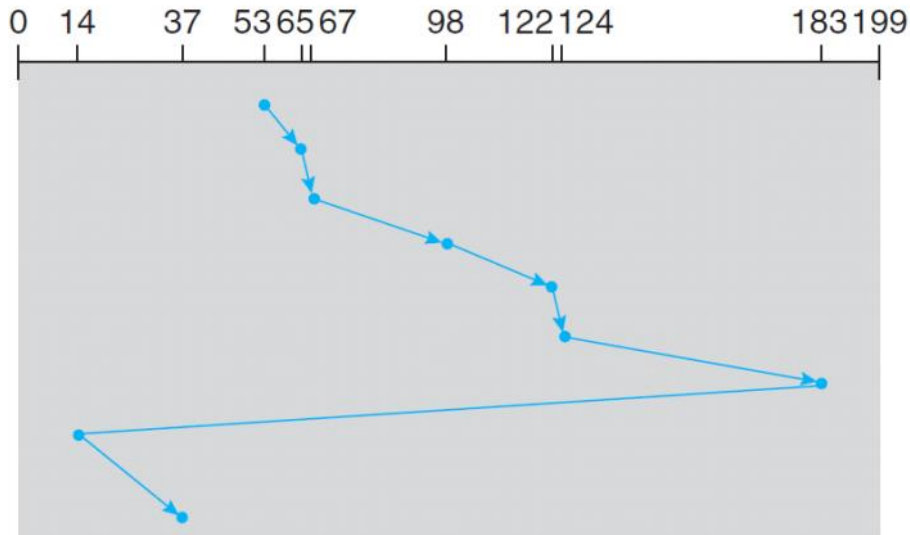
SCAN

queue = 98, 183, 37, 122, 14, 124, 65, 67
head starts at 53

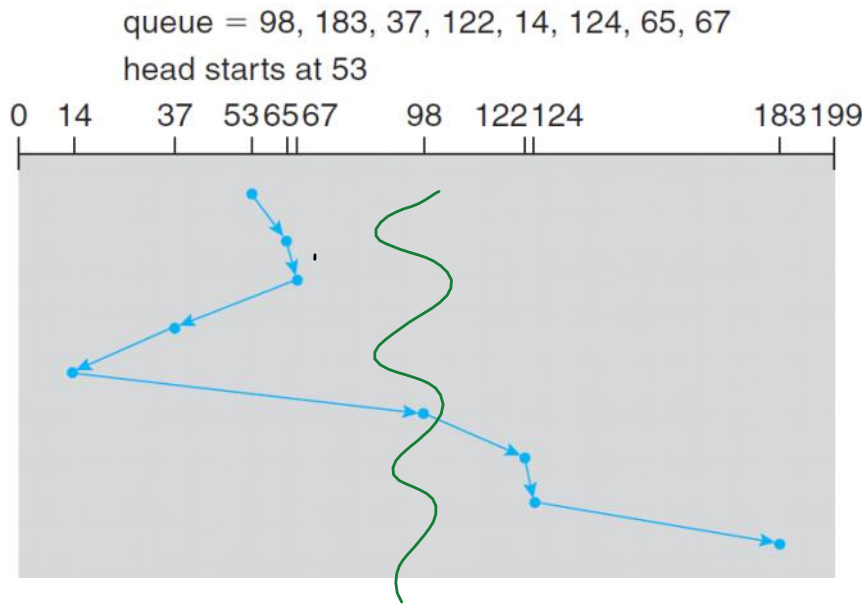


CSCAN

queue = 98, 183, 37, 122, 14, 124, 65, 67
head starts at 53

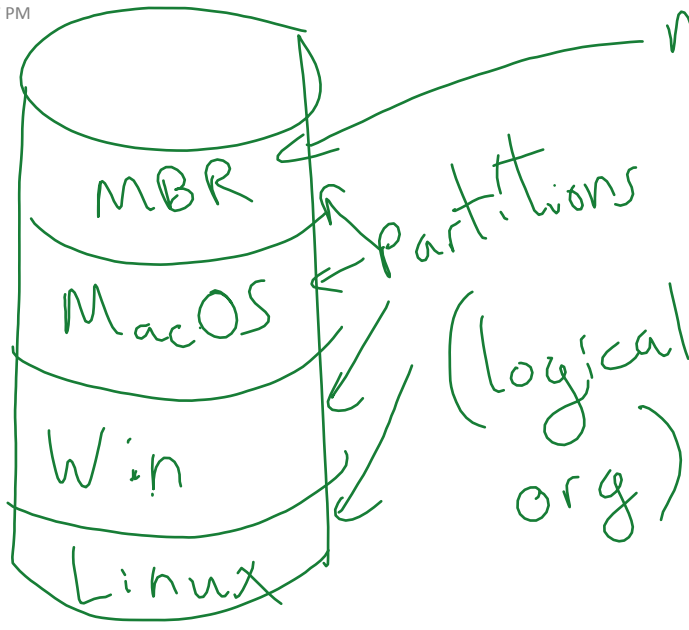


C-LOOK

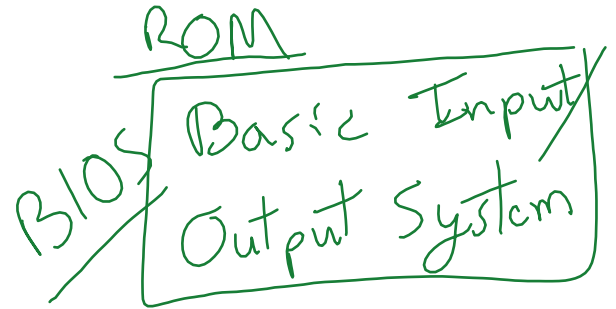
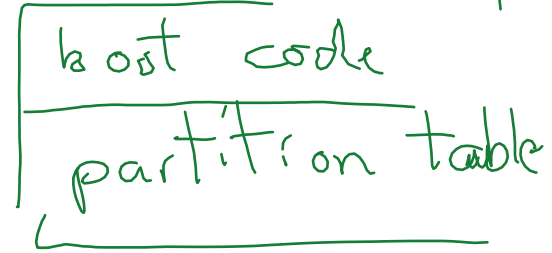


Shortest seek
time first
SSTF

Starvation



Master Boot Record



Partitions

