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HDD

* First in first out
  + Takes first requests and processes it, then the next chronological request
* First in last out
  + Processes most recent requests first
* Shortest seek first
  + Takes the task with the shortest seek time
* Elevator algorithm
  + Sweeps arm and processes data as it goes over it, traversing back and forth across the disk
* Anticipatory scheduling
  + Uses heuristics to guess which is the next data is next and near the current task, shortening seek time
* Noop Scheduler
  + Similar to FIFO does not allow request re-ordering

SSD

* Noop Scheduler
  + Similar to FIFO does not allow request re-ordering
* CFQ scheduler
  + Completely fair scheduler places synchronous requests submitted by process into a number of per-process queues then organizes them into time slices to be used
* Deadline
  + Places deadline on all operations so tasks do not starve

Recommendations

I would recommend the Noop scheduler for both of the drives in a hybrid setup, first in first out will help to ensure that there is no starvation among processes and deals with data in a timely manner. Additionally, it is one of the easier forms of scheduling to implement.