4. Disk Scheduling Algorithms

Objective:
- Minimize arm movement
- Minimize mean response time
- Minimize the variance in response time

Example:

Head is at track 15 initially.
Requests: 4, 37, 11, 35, 7, 14.

— FCFS

total tracks visited = 129
- Shortest Seek Time First (SSTF)

- SCAN
  Assume head is moving to the right

- LOOK

total tracks visited = 44

total tracks visited = 61

total tracks visited = 55