

Chase Brown

Operating System Concepts Extra Credit Lab

Simulating Disk Scheduling Algorithms

Sample Output:

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[FCFS] Disk Scheduling Algorithm Simulation
Current disk head position 53 and is moving Up
=====
[53->98] [98->183] [183->37] [37->122] [122->14] [14->124]
[124->65] [65->67]
Total number of cylinder movements: 640

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[SSTF] Disk Scheduling Algorithm Simulation
Current disk head position 53 and is moving Up
=====
[53->65] [65->67] [67->37] [37->14] [14->98] [98->122]
[122->124] [124->183]
Total number of cylinder movements: 236

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[SCAN] Disk Scheduling Algorithm Simulation
Current disk head position 53 and is moving Up
=====
[53->65] [65->67] [67->98] [98->122] [122->124] [124->183]
[183->199] [199->37] [37->14]
Total number of cylinder movements: 331

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[C-LOOK] Disk Scheduling Algorithm Simulation
Current disk head position 53 and is moving Up
=====
[53->65] [65->67] [67->98] [98->122] [122->124] [124->183]
[183->14] [14->37]
Total number of cylinder movements: 322
```