

DISK SCHEDULING ALGORITHMS

Enter your option...

1. FCFS
2. SSTF
3. SCAN
4. CSCAN
5. LOOK
6. CLOOK
7. Exit

1

FCFS

Enter the current position...

63

Enter the number of requests...

8

Enter the requests...

100 175 51 133 8 140 73 77

Order = 63 100 175 51 133 8 140 73 77

Seek Time = 646

Enter your option...

1. FCFS
2. SSTF
3. SCAN
4. CSCAN
5. LOOK

6. CLOOK

7. Exit

2

SSTF

Enter the current position...

63

Enter the number of requests...

8

Enter the requests...

100 175 51 133 8 140 73 77

Order = 63 73 77 100 133 140 175 51 8

Seek Time = 279

Enter your option...

1. FCFS

2. SSTF

3. SCAN

4. CSCAN

5. LOOK

6. CLOOK

7. Exit

3

SCAN

Enter the size...

200

Enter the current position...

63

Enter the previous position...

0

Enter the number of requests...

8

Enter the requests...

100 175 51 133 8 140 73 77

SCAN ORDER IS:

63 73 77 100 133 140 175 199 51 8

Seek Time = 327

Enter your option...

1. FCFS
2. SSTF
3. SCAN
4. CSCAN
5. LOOK
6. CLOOK
7. Exit

4

CSCAN

Enter the size...

200

Enter the current position...

63

Enter the previous position...

0

Enter the number of requests...

8

Enter the requests...

100 175 51 133 8 140 73 77

CSCAN ORDER IS:

63 73 77 100 133 140 175 199 0 8 51

Seek Time = 386

Enter your option...

1. FCFS
2. SSTF
3. SCAN
4. CSCAN
5. LOOK
6. CLOOK
7. Exit

5

LOOK

Enter the current position...

63

Enter the previous position...

0

Enter the number of requests...

8

Enter the requests...

100 175 51 133 8 140 73 77

LOOK ORDER IS:

63 73 77 100 133 140 175 51 8

Seek Time: 279

Enter your option...

1. FCFS
2. SSTF
3. SCAN
4. CSCAN
5. LOOK
6. CLOOK
7. Exit

6

CLOOK

Enter the current position...

63

Enter the previous position...

0

Enter the number of requests...

8

Enter the requests...

100 175 51 133 8 140 73 77

CLOOK ORDER IS:

63 73 77 100 133 140 175 8 51

Seek Time = 322

Enter your option...

1. FCFS
2. SSTF
3. SCAN
4. CSCAN
5. LOOK
6. CLOOK
7. Exit

7