

Sam Kessler

CISC 3320

Homework 4

Output

FCFS: First Come First Serve

Traversing to: 4078

Traversing to: 153

Traversing to: 2819

Traversing to: 3294

Traversing to: 1433

Traversing to: 211

Traversing to: 1594

Traversing to: 2004

Traversing to: 2335

Traversing to: 2007

Traversing to: 771

Traversing to: 1043

Traversing to: 3950

Traversing to: 2784

Traversing to: 1881

Traversing to: 2931

Traversing to: 3599

Traversing to: 1245

Traversing to: 4086

Traversing to: 520

Traversing to: 3901

Traversing to: 2866

Traversing to: 947

Traversing to: 3794

Traversing to: 2353

Traversing to: 3970

Traversing to: 3948

Traversing to: 1815

Traversing to: 4621

Traversing to: 372

Traversing to: 2684

Traversing to: 3088

Traversing to: 827

Traversing to: 3126

Traversing to: 2083

Traversing to: 584

Traversing to: 4420

Traversing to: 1294

Traversing to: 917

Traversing to: 2881

Traversing to: 3659

Traversing to: 2868

Traversing to: 100

Traversing to: 1581

Traversing to: 4581

Traversing to: 1664

Traversing to: 1001

Traversing to: 1213

Traversing to: 3439

Traversing to: 4706

Traversing to: 4869

Total seek operations: 90414

SSTF: Shortest Seek Time First

Traversing to: 100

Traversing to: 153

Traversing to: 211

Traversing to: 372
Traversing to: 520
Traversing to: 584
Traversing to: 771
Traversing to: 827
Traversing to: 917
Traversing to: 947
Traversing to: 1001
Traversing to: 1043
Traversing to: 1213
Traversing to: 1245
Traversing to: 1294
Traversing to: 1433
Traversing to: 1581
Traversing to: 1594
Traversing to: 1664
Traversing to: 1815
Traversing to: 1881
Traversing to: 2004
Traversing to: 2007
Traversing to: 2083
Traversing to: 2335
Traversing to: 2353
Traversing to: 2684
Traversing to: 2784
Traversing to: 2819
Traversing to: 2866
Traversing to: 2868
Traversing to: 2881
Traversing to: 2931
Traversing to: 3088
Traversing to: 3126
Traversing to: 3294
Traversing to: 3439
Traversing to: 3599
Traversing to: 3659
Traversing to: 3794
Traversing to: 3901
Traversing to: 3948
Traversing to: 3950
Traversing to: 3970
Traversing to: 4078
Traversing to: 4086
Traversing to: 4420
Traversing to: 4581
Traversing to: 4621
Traversing to: 4706
Traversing to: 4869
Total seek operations: 4804

Scan (Elevator) Algorithm

Traversing to: 100
Traversing to: 153
Traversing to: 211
Traversing to: 372
Traversing to: 520
Traversing to: 584
Traversing to: 771
Traversing to: 827
Traversing to: 917
Traversing to: 947
Traversing to: 1001
Traversing to: 1043
Traversing to: 1213
Traversing to: 1245
Traversing to: 1294
Traversing to: 1433
Traversing to: 1581
Traversing to: 1594
Traversing to: 1664

Traversing to: 1815
Traversing to: 1881
Traversing to: 2004
Traversing to: 2007
Traversing to: 2083
Traversing to: 2335
Traversing to: 2353
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Traversing to: 2784
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Traversing to: 3948
Traversing to: 3950
Traversing to: 3970
Traversing to: 4078
Traversing to: 4086
Traversing to: 4420
Traversing to: 4581
Traversing to: 4621
Traversing to: 4706
Traversing to: 4869
Traversing to: 4999
Total seek operations: 4934