Design-doc

Folder Structure

CS303-2019csb1100-4

|-main\_file.c

|-README.md

|-Design-doc

|-Table.pdf

Overview

This program is implementation of Random, FIFO, SSTF, SCAN and C-SCAN.

Rotational speed of disk, r revolutions per minute.

Average seek time, Ts in ms.

Sector size, N in bytes.

The above arguments are taken as CLI.

The request addresses are generated randomly as well as number of requested sectors.

The requests are to send to disk schedular, and it orders and send the requests for read, write and seek operations.

This program finds out final throughput, Average, Minimum, Maximum and Standard deviation of response time.

Conclusion

We observed through general outputs or table that throughput of Random and FIFO are comparatively lesser than rest of the scheduling policies.