

## Disk scheduling using Greedy algorithm

The purpose of the project was to build and install a scheduler that uses the SSTF or Greedy algorithm on all requests. The incoming requests were added in the circular SCAN (C SCAN) order and the requests were dispatched using greedy technique. For each request, PID, time of arrival to queue, time of service start and time of service completion were recorded.

Mean service time and mean response time was calculated using a system call. The above measurements were calculated only if the number of requests was between five hundred and twenty thousand.

A graph was plotted between the fractions of requests under  $t$  milliseconds and response time for the built scheduler and the Linux default scheduler.

Language: C

