Government Engineering College, Thrissur

CS331 – System Software Lab

Documentation -

Exp 5 – Disk Scheduling

Date of Submission
21 September 2020

Submitted By
Kowsik Nandagopan D
Roll No 31
TCR18CS031
GECT CSE S5

Experiment 5

Simulate the following disk scheduling algorithms
a) FCFS b) SCAN c) C-SCAN

Compilation of Code

Prerequisite

- The code is provided in the **program.c** along with this documentation. You can open the terminal in Linux (Ubuntu 18.04 tested). Then run the command

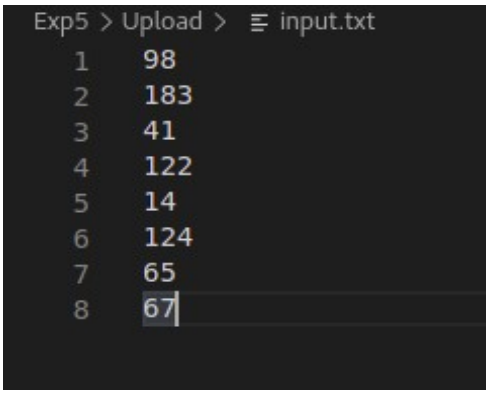
  gcc program.c

  ./a.out

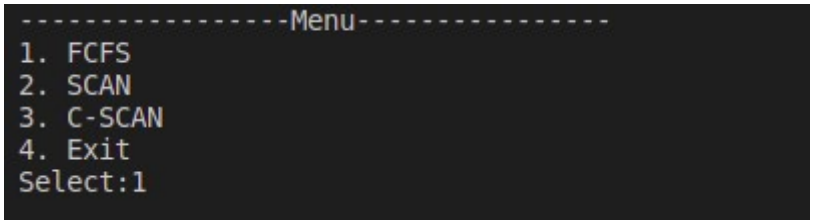
- We can execute the code in console and see the output as soon as we press enter key. There **one** input file **input.txt. Each requests should be provided in line by line**. Please note that last line must NOT be empty.
- We should also provide current head position for each disk scheduling algorithms in the console when there is a prompt.
- Output of the code will be printed on the **console**
- **Note: Please see the output.txt file for the output I got on my machine.**

Output / Screenshots

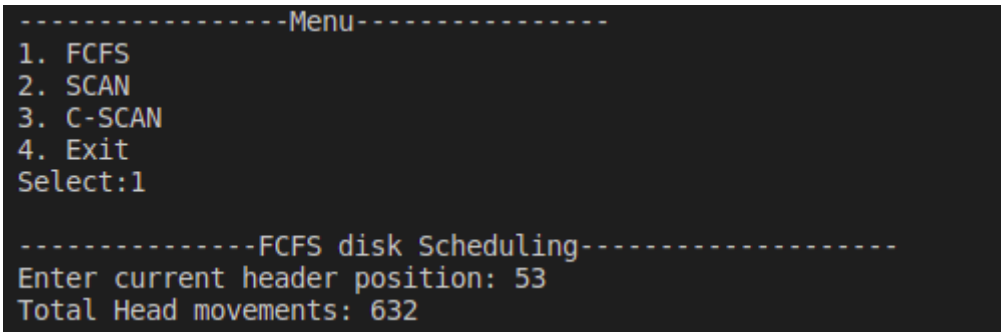
input.txt



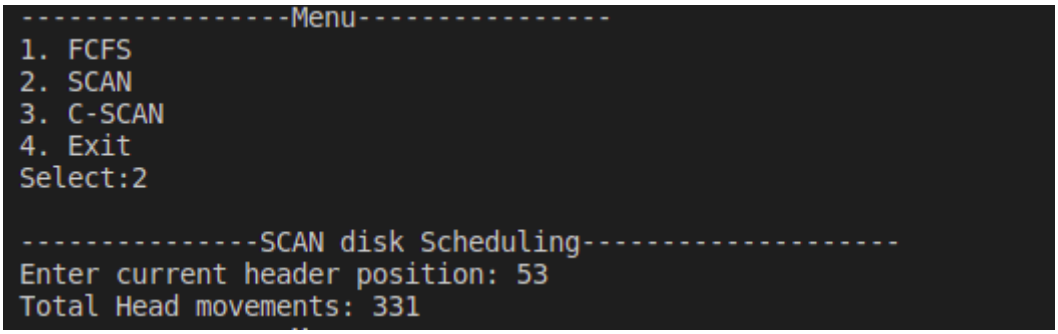
Menu



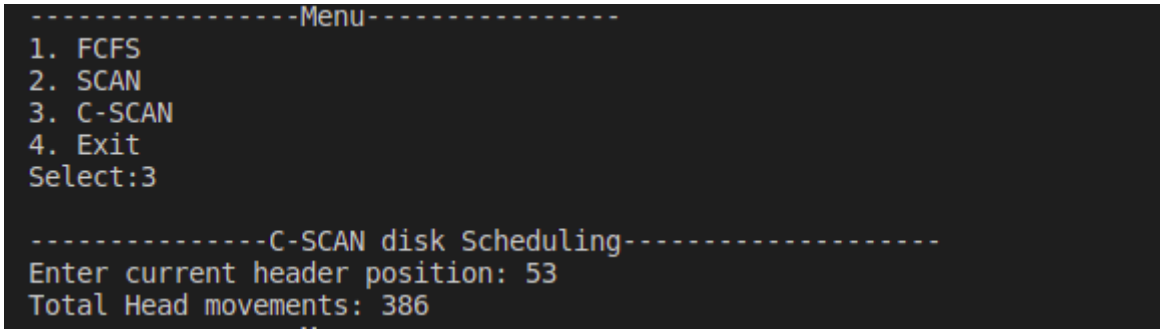
1. FCFS



2. SCAN



3. C-SCAN



4. Exit