Name: Pushpak N. Gadhe

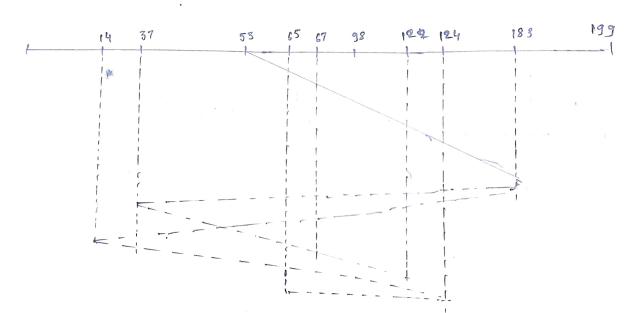
Class: CS-AIML-A

Assignment 8 : Disk scheduling

Rollno.: 22,

Consider the following order of request for cylinder access of the disk is (98, 183, 37, 122, 14, 124, 65, 67) and eurrent position of read/write head is 53. Find the total head movements to access the data on the cylinder using following algorithm.

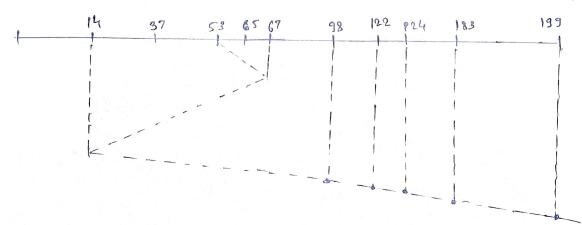
@ first come first serve



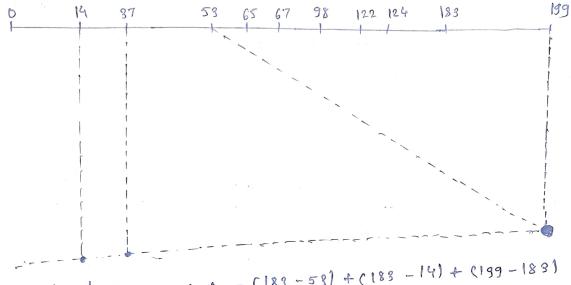
total head movements = (183 - 58) + (183 - 37) + (122 - 37) + (122 - 14) + (124 - 14) + (124 - 65) + (67 - 65)= 180 + 146 + 85 + 108 + 110 + 59 + 2

= 640.

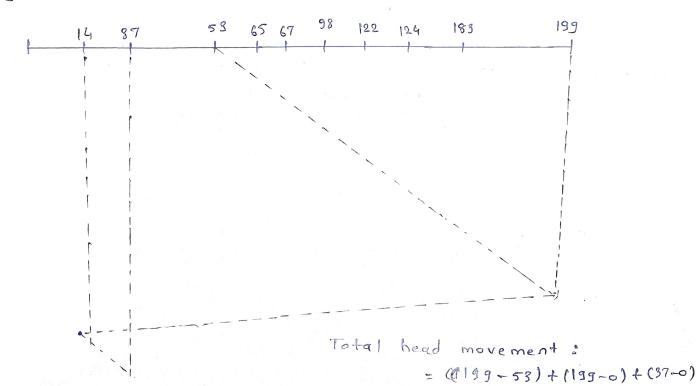
shortest seek time first: (98, 183, 37, 122, 14, 124, 65, 67)



@ BCaN:



C- Scan :



= 382