

3) SCAN

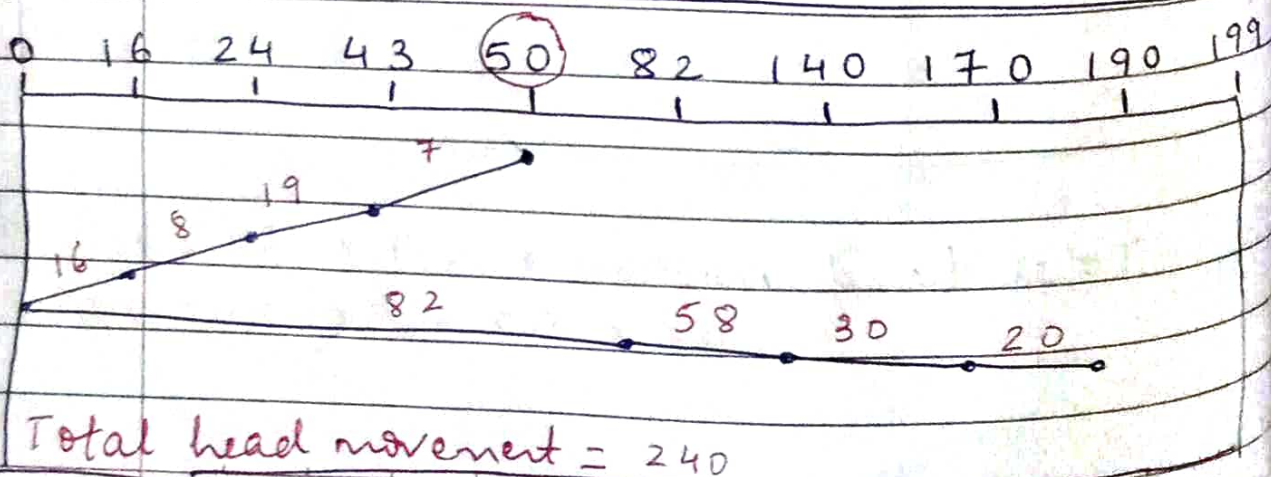
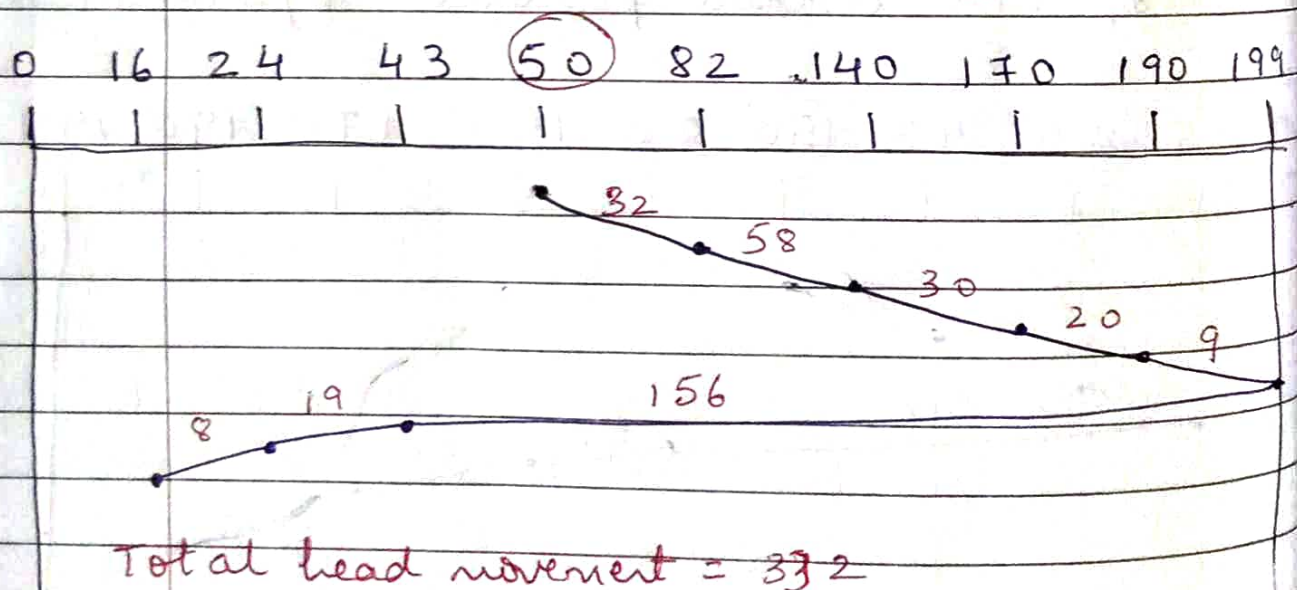
This algorithm is also called elevator algorithm.

In this algorithm, the direction of head movement can be towards larger value or smaller value.

Example

200 tracks (0-199)

Request queue = 82, 170, 43, 140, 24, 16, 190 Direction \rightarrow higher & lower value.



4) C-SCAN

This algorithm moves the head from one end of the disk to other.

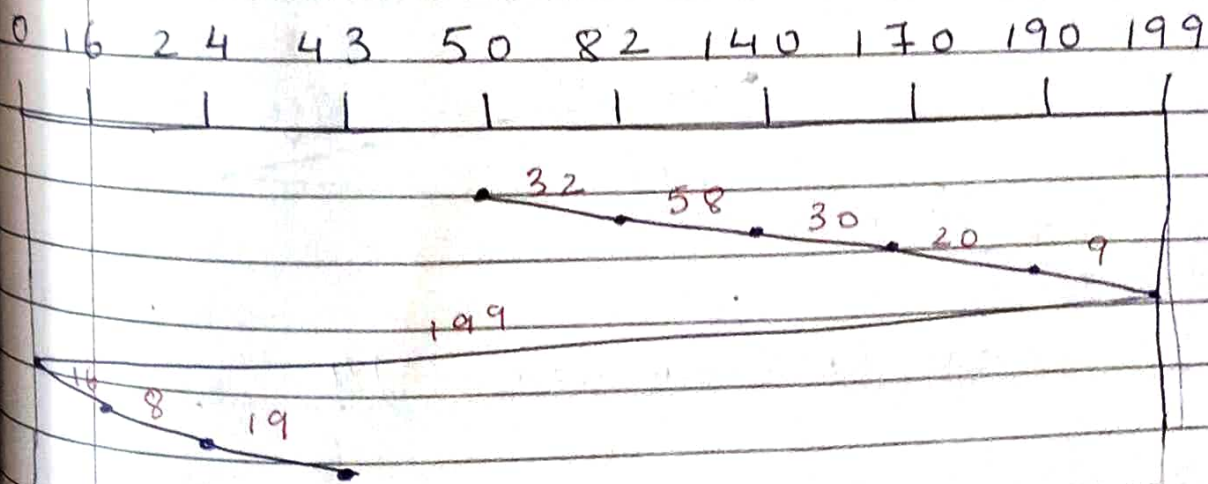
Example

200 tracks (0 - 199)

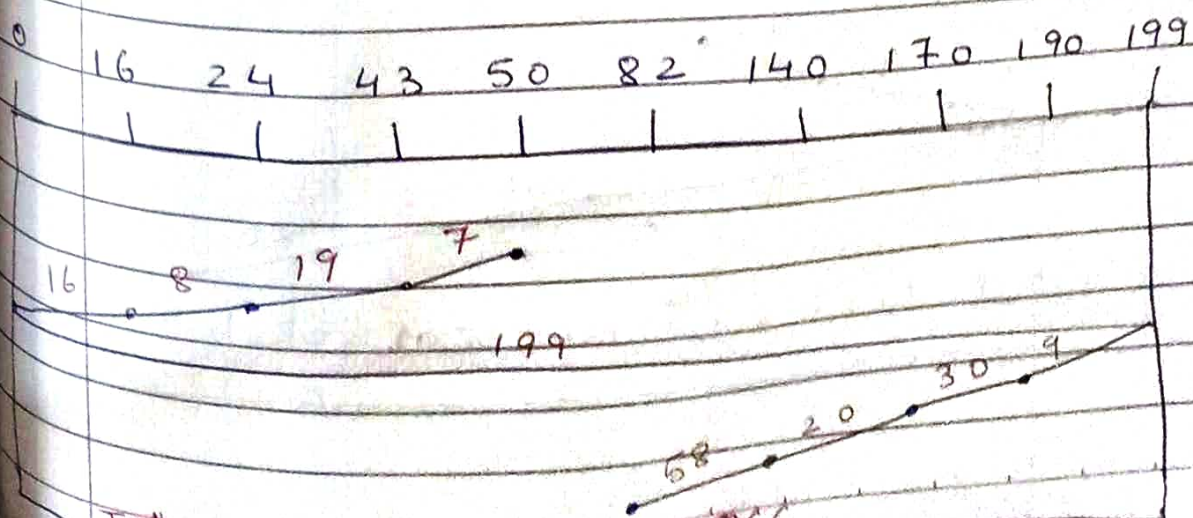
Request queue = 82, 170, 43, 140, 24, 16, 190

Direction - towards larger value

Initial head position = 50



Total head movement = ~~192~~ 391



Total head movement = 366