8. FCFS Disk Scheduling

#include <stdio.h>

#include <stdlib.h>

int main() {

int n, head, i, sum = 0;

printf("Enter the number of tracks: ");

scanf("%d", &n);

int tracks[n];

printf("Enter the track positions: ");

for (i = 0; i < n; i++) {

scanf("%d", &tracks[i]);

}

printf("Enter the head position: ");

scanf("%d", &head);

sum += abs(head - tracks[0]);

for (i = 1; i < n; i++) {

sum += abs(tracks[i] - tracks[i-1]);

}

printf("Average head movement: %.2f\n", (float) sum / n);

return 0;

}

OUT PUT

