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Online C Compiler


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FCFS Disk Scheduling Algorithms - Geeks...


C Online Compiler



main.c

Run

Output

Clear

```
1 |
2 #include <stdio.h>
3 #include <math.h>
4 int size = 5;
5 void FCFS(int arr[],int head)
6 {
7     int seek_count = 0;
8     int cur_track, distance;
9     for(int i=0;i<size;i++)
10     {
11         cur_track = arr[i];
12         distance = fabs(head - cur_track);
13         seek_count += distance;
14         head = cur_track;
15     }
16     printf("Total number of seek operations: %d\n",seek_count);
17     printf("Seek Sequence is\n");
18     for (int i = 0; i < size; i++) {
19         printf("%d\n",arr[i]);
20     }
21 }
22 int main()
23 {
24     int arr[5] = {55,58,60,70,18 };
25     int head = 50;
26     FCFS(arr,head);
27     return 0;
28 }
```

```
/tmp/j4RrX03cfU.o
Total number of seek operations: 72
Seek Sequence is
55
58
60
70
18
```