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#include <stdio.h>
#include <math.h>
int size = 8;
void FCFS(int arr[],int head)
{
    int i;
    int seek_count = 0;
    int cur_track, distance;
    for(i=0;i<size;i++)
    {
        cur_track = arr[i];
        // calculate absolute distance
        distance = fabs(head - cur_track);
        // increase the total count
        seek_count += distance;
        // accessed track is now new head
        head = cur_track;
    }
    printf("Total number of seek operations: %d\n",seek_count);
    // Seek sequence would be the same
    // as request array sequence
    printf("Seek Sequence is\n");
    for (i = 0; i < size; i++) {
        printf("%d\n",arr[i]);
    }
}
//Driver code
int main()
{
    // request array
    int arr[8] = { 176, 79, 34, 60, 92, 11, 41, 114 };
    int head = 50;
    FCFS(arr,head);
    return 0;
}

```