# FIRST COME FIRST SERVED

```c
#include <stdio.h>
#include <stdlib.h>
int main() {
    int n, head, i, seek=0;
    int req[20];
    printf("Enter number of requests: ");
    scanf("%d",&n);
    printf("Enter request sequence: ");
    for(i=0; i<n; i++) scanf("%d",&req[i]);
    printf("Enter initial head position: ");
    scanf("%d",&head);
    for(i=0; i<n; i++) {
        seek += abs(req[i]-head);
        head = req[i];
    }
    printf("Total Seek Time = %d\n",seek);
    return 0;
}
```