#include<stdio.h>

int size=10;

void FCFS(int request[],int n, int head){

int seek = 0;

int dis,curr;

curr = head;

printf("Seek sequence: %d",head);

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

dis = (request[i] - curr);

seek += dis;

curr = request[i];

printf("-> %d",curr);

}

printf("\nTotal seek operations : %d\n",seek);

}

int main()

{

int n,head;

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

scanf("%d",&n);

int req[n];

printf("Enter the request sequence: \n");

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

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

}

printf("Enter the initial head position: ");

scanf("%d",&head);

FCFS(req,n,head);

return 0;

}

