```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
int RQ[100], i, j, n, TotalHeadMoment = 0, initial, size, move;
printf("Enter the number of Requests\n");
scanf("%d", &n);
printf("Enter the Requests sequence\n");
for (i = 0; i < n; i++)
scanf("%d", &RQ[i]);
printf("Enter initial head position\n");
scanf("%d", &initial);
printf("Enter total disk size\n");
scanf("%d", &size);
printf("Enter the head movement direction for high 1 and for low 0\n");
scanf("%d", &move);

int index;

for (i = 0; i < n; i++)
{
for (j = 0; j < n - i - 1; j++)
{
if (RQ[j] > RQ[j + 1])
{
int temp;
temp = RQ[j];
RQ[j] = RQ[j + 1];
RQ[j + 1] = temp;
}
}
}

for (i = 0; i < n; i++)
{
if (initial < RQ[i])
{
index = i;
break;
}
}
for (i = index; i < n; i++)
{
TotalHeadMoment += abs(RQ[i] - initial);
initial = RQ[i];
}

TotalHeadMoment += abs(size - 1 - RQ[n - 1]);
initial = size - 1;

for (i = index - 1; i >= 0; i--)
{
TotalHeadMoment += abs(RQ[i] - initial);
initial = RQ[i];
}

printf("Total head movement is %d\n", TotalHeadMoment);
return 0;
}
```

Enter the number of Requests
3
Enter the Requests sequence
5 4 8
Enter initial head position
4
Enter total disk size
100
Enter the head movement direction for high 1 and for low 0
1
Total head movement is 190
sapatevaibhav@sapatevaibhav-mint ~/D/OSL (master)> gcc pr8.c -o pr8 && pr8
Enter the number of Requests
4
Enter the Requests sequence
3 2 5 4
Enter initial head position
4
Enter total disk size
100
Enter the head movement direction for high 1 and for low 0
0
Total head movement is 192