

```
1  #include<stdio.h>
2  #include<stdlib.h>
3  int main()
4  {
5      int disk[100],head,range,i,j,n,seek=0,temp,diff;
6      printf("enter the range");
7      scanf("%d",&range);
8      printf("enter num of positions");
9      scanf("%d",&n);
10     printf("enter positions");
11     for(i=0;i<n;i++)
12     {
13         scanf("%d",&disk[i]);
14     }
15     printf("enter the head");
16     scanf("%d",&head);
17     for(i=0;i<n;i++)
18     {
19         for(j=i+1;j<n;j++)
20         {
21             if(disk[i]>disk[j])
22             {
23                 temp=disk[i];
24                 disk[i]=disk[j];
25                 disk[j]=temp;
26             }
27         }
28     }
29     seek=abs(head-range)+abs(range-disk[0]);
30     printf("seek time %d",seek);
31     return 0;
32 }
33
```

enter the range200

enter num of positions4

enter positions40

50

80

100

enter the head50

seek time 310

Process returned 0 (0x0) execution time : 17.799 s

Press any key to continue.



Type here to search



ENG

10:34 AM
31-Jan-21

