```
(globals)
                     Untitled1.cpp
Project Classes Debug
                       1 #include<stdio.h>
                       2 int main()
                       3日{
                                              int queue[20],n,head,i,j,k,seek=0,max,diff,temp,queue1[20],queue2[20],
                       4
                        5
                                                               temp1=0, temp2=0;
                        6 7
                                              float avg;
printf("Enter the max range of disk\n");
scanf("%d",&max);
printf("Enter the initial head position\n");
scanf("%d",&head);
printf("Enter the size of queue request\n");
scanf("%d",&n);
printf("Enter the queue of disk positions to be read\n");
for(i=1:i<=n:i++)</pre>
                                              float avg;
                        8 9
                       10
                       11
                       12
13
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15 \ominus
16
17
                                               for(i=1;i<=n;i++)
                                                                scanf("%d",&temp);
                                                                if(temp>=head)
                        18日
                                                                                queue1[temp1]=temp;
                        19
                                                                                 temp1++;
                        20
21
22
23
24
                                                                }
else
                                                                                queue2[temp2]=temp;
                                                                                 temp2++;
                         25
26
27
```

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Project Classes Debugy

Distribution to the project Classes Debugy

Distribution to the project Classes Debugy

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d (globals)
Project Classes Debug
                       Untitled1.cpp
                                                                                    if(queue2[i]<queue2[j])</pre>
                       44
                        45日
                                                                                                      temp=queue2[i];
                        46
                                                                                                      queue2[i]=queue2[j];
queue2[j]=temp;
                        47
                        48
                        49
                         50
                         51
                                                 }
for(i=1,j=0;j<temp1;i++,j++)
queue[i]=queue1[j];
queue[i]=max;|
for(i=temp1+2,j=0;j<temp2;i++,j++)
queue[i]=queue2[j];
queue[i]=0;
queue[0]=head;
for(i=0:i<=n+1:i++)</pre>
                         52
                         53
                         54
                         55
                         55
56
57
58
59
60 = 61
62
                                                   for(j=0;j<=n+1;j++)
                                                                    diff=(queue[j+1]-queue[j]);
seek+=diff;
printf("Disk head moves from %d to %d with seek
                           63
64
65
66
67
                                                   printf("Total seek time is %d\n",seek);
                                                   avg=seek/(float)n;
printf("Average seek time is %f\n",avg);
                                                   return 0;
                            68
                            69 L }
                         rces de Compile Log Debug A Find Results
                                                                               Done parsing in 0.016 seconds
```

