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Subject: → Operating System

Course: → BSC IT
Sec: → B
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Ans: → 2

```
#include <stdio.h>
#include <stdlib.h>
int main()
{
    int RQ[100], i, j, n, Total Head Movement = 0, initial, size,
    move;
    printf("\n");
    scanf("%d", &n);
    printf("\n");
    for (i = 0; i < n; i++)
        scanf("%d", &RQ[i]);
    printf("\n");
    {
        scanf("%d", &temp);
        if (temp > head position)
        {
            queue 1[temp] = temp;
            temp++;
        }
        else
        {
            queue 2[temp] = temp;
            temp++;
        }
    }
}
```



```

temp1++;
}
else
{
    queue2[temp2] = temp;
    temp2++;
}
}

for(i=0; i < temp1-1; i++)
{
    for(j=i; j < temp1; j++)
    {
        if(queue1[i] > queue1[j])
        {
            temp = queue1[i];
            queue1[i] = queue1[j];
            queue1[j] = temp;
        }
    }
}

```

```

for(i=0; i < temp2-1; i++)

```

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Sharma

string program.c - Code::Blocks 20.03

file "D:\bsc.it\data structure\string program.exe"

```
Enter the number of Requests
4
Enter the Requests sequence
3
1
2
3
Enter initial head position
2
Enter total disk size
2
Enter the head movement direction for high 1 and for low 0
1
Total head movement is 5
Process returned 0 (0x0)   execution time : 29.986 s
Press any key to continue.
_
```