


Graphic Era Hill University, Dehradun (Answer
Sheet for Online Examination Aug 2021)

Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWAN)

Name: Naman Univ. Roll No. 2023065 Student ID 20251051 Date 22/8/21
Course: Bsc. IT Branch: IT Sem: III Section: B
Subject Name: Operating System Subject Code: FSB1-202 Page No. 2

```
Ques 2. # include <stdio.h>
# include <stdio.h>
int main ()
{
    int RQ [100], i, j, n, Total Head Movement
    = 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\n");
    scanf ("%d", &initial);
    printf ("Enter total disk size\n");
    scanf ("%d", &size);
    printf ("Enter total disk size\n");
    scanf ("%d", &size);
    printf ("Enter the head movement
    direction for high & low
    of n\n");
    scanf ("%d", &move);

    // logic for Scan disk scheduling
    for (i=0; i<n; i++)
        for (j=0; j<n-1; j++)
            if (RQ[j] > RQ[j+1])
```


Signature of Student

Graphic Era Hill University, Dehradun (Answer
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Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)

Name: Naman Univ. Roll No. 2023069 Student ID 20251051 Date: 27/8/21

Course: BSC IT Branch: Hill Sem: II Section: B

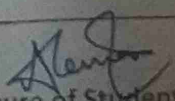
Subject Name: operating system Subject Code: PBI-202 Page No. 3

```
{  
    if (arr[j] > arr[j+1])
```

```
{  
    int temp;  
    temp = arr[j];  
    arr[j] = arr[j+1];  
    arr[j+1] = temp;
```

```
}
```

```
}
```


Signature of Student

Online C Compiler - online editor

online_c_compiler

Mapshttps://www.google...New TabOnline C Compiler - ...

RunDebugStopShareSaveBeautify

main.c

```
1 - /*****
2
3         Online C Compiler.
4         Code, Compile, Run and Debug C program online.
5         Write your code in this editor and press "Run" button to compile and ex
6
7         *****/
8
9         #include<stdio.h>
10        #include<stdlib.h>
11        int main()
12        {
13            int RQ[100],i,j,n,TotalHeadMoment=0,initial,size,move;
14            printf("Enter the number of Requests\n");
15            scanf("%d",&n);
16            printf("Enter the Requests sequence\n");
17            for(i=0;i<n;i++)
18                scanf("%d",&RQ[i]);
```

input

Enter the number of Requests
100
Enter the Requests sequence
12,26,24,4,42,8,50
Enter initial head position
Enter total disk size
Enter the head movement direction for high 1 and for low 0
Total head movement is -2038768772

...Program finished with exit code 0
Press ENTER to exit console.

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