Name-Bharna Convise- BSCIT section A Std 1d - 20052005 # # include <stdio.h> # include < tonio. h> # dyine man 25 Vaid meur () int pag [man), b [man], J[man), i, j, nb, ny, temp, highest =0; Static int by [man], // (men); pening l'Int Memory Scheme-warst jit"); perinty 1° In Enter the number of blacks: "); Scary (" %d", knb); plinty ("Enter number of files: "); Scary (" lod", & my); perinty l'in Enter the size of the blocks:-In"); for (i=1; i <= nb; i++) I penenty ("Black &d:", i); Scary (" ?d', & b[i]); -the for

periety (" Enter size of the files: - \n"); furli=1; i <= m; i++) } punity (" file ? d: ", i); Scary (" ?. d", & f(i)); for (i=1; ic=n; i++) for (j=1;j<=nb;j++) { ig (bj[j]!=1) { temp = b(j)-j[i]; ij (temp >= 0) if (highist < temp) Jeragii) = highest; of (1)(1)) =

Addis.

printy ("In file no: It file size: It Blockno: It Block

size: It fragement");

for (i=1; iz=ny; i++)

printy ("In % of It It % of It It & d It & d It It & d It & d

- Marin

```
Memory Management Scheme - Worst Fit
Enter the number of blocks:3
Enter the number of files:2

Enter the size of the blocks:-
Block 1:5
Block 2:2
Block 3:7
Enter the size of the files :-
File 1:1
File 2:4

File_no: File_size: Block_no: Block_size: Fragement
1 3 7 6
```

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

4

22. # include <stdio h> int absolute Value (int) void mais () } int queue [25), on, head position, i, j, K, seek =0, man reuge, dy jerence, temp, queuel [20), queues (20), temp1 =0, temp0 =0; float anverge seek Time; periody ("Enter the manimum stange of Disk: "); Scary (" l. d', & mansiage); perinty ("Enter the number of queue sequests: "); Scoup (" lod", & no); printy (" Enter the civilian heard position: "); Scary (Vod", & head position); porcity ("Enter the disk positions to be nearl (quene) ful(1=1; (<= n; (++) 3 scary (" Pod", & temp); if (temp > head position) grene ! [temp] = temp; temp1++; etst else { queues(temps) = temp; Holas tempo++; REDMI NOTE & BHAVNA 입니다♡

```
fæl(i=0; i<temp 1-1; i++)
      far(j=i+1; j<temp1; j++)
       } if (queuel[i]) > queue l[j])
            temp =queue 18i);
            queue ![i] = queue 1 (j);
            quener j) = temp;
for (i=0', i < temp 2-1; i++)
       for (j=i+1; j < temp 2; j++
            if (quenes(i) < quenes(j))
              } temp = queue D[i];
                queue 2(i)=queue 2(j);
                 quenes(i) = temp;
```

The Control of the Co

```
fali 1; jo;
      fre (i=1, j=0; j< temp 1; i++, j++)
          { quene (i) = quene 1 (j);
       queue[i] = memorenge;
fær(i=temp1+2,j=0;j<temp2;i++,j++)
        { quene (i) = quene of j);
   queue(i)=0;
   queue(0) = head position;
  for (j=0; j <= n; j++)
    3 différence = absolute Value (queue [j+1] -queue
     Seek = seek + difference;
 average Seek Time = Seek / (float) m;
peninty l' Fatal Seek Fine = 9.1 m', seek);

peninty l' Amerage seek Fine = 8,9 (n'; amerage seek time);
```

●○ REDMI NOTE 8 ○○ BHAVNA 입니다♥♥

2021/8/27 15:07

int absolute Value (int n)

{

if (n>0)

{

Studen n;

}

else

{

preturen n*-1;

}

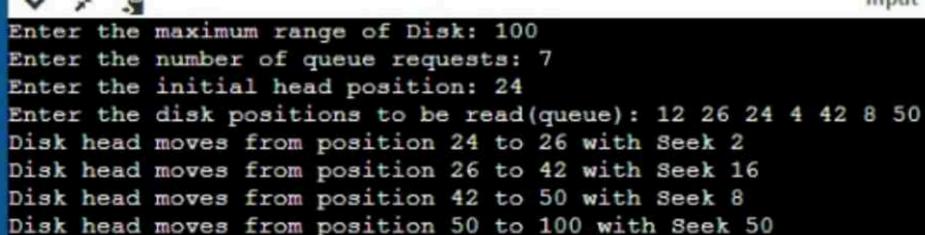
}

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Disk head moves from position 100 to 24 with Seek 76
Disk head moves from position 24 to 12 with Seek 12
Disk head moves from position 12 to 8 with Seek 4
Disk head moves from position 8 to 4 with Seek 4

Average Seek Time= 24.571428

Total Seek Time= 172

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