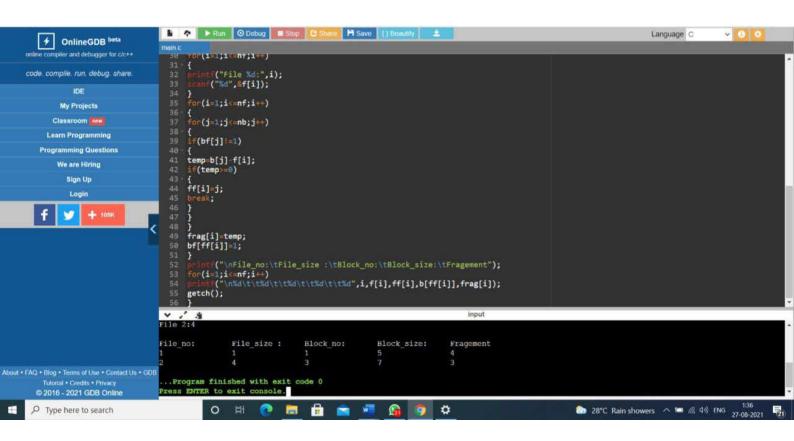
```
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QI ANDWESS
#include < stato.h>
# include ( conio.n)
# define max 25
 Void main ()
 int
 forag [max], b[rax], f[max], i,i,nb,nf,te
 mp;
 Static int bf [max]. ff [max];
 Point ("Int Hamory management
Scheme - world fiting;
 Brind F ("In Enter the number of blocks:");
  blocks: "J;
 Scant ("ofod", Int);
 Print ("In Enter the 8174 of the
  helochs: - 14");
  for (1=1;1 <= nb 11+1)
  Print f ("Block % d:",1):
  Scant ("0/00" & h [i]):
```

```
Frint ("Endor the Size of the files"
/N11):
Yor (1:1; 1 <= 44; 1+1)
Print (" tile % do ", 9)0,
Scant ("40 d", 1+ [0]);
for ( =1:1 <= 44: 1++)
for (j=19) <= nb; j++) [2000] 11 (2000) 11 +11 (1000)
                  Can because made
 14 (bt []] [=1) 18 18 18 modern out restant of 10 4 16 18
 tough = h [j] - f [i];
14 (temp>=0)
 44 [1] = 1;
                        break;
```

frag [i] = tenf 11:[[]] 料了相 Print of ("\n tile- 40: 1+ file - 8ige 1+ Block\_ 40: 1+ Block\_ Sige: for (i=1; 2=nf; i+t) 1" c 1 res 11 d", ", + ["], # ["], 5 [44 ["]], frag ["]); getch ();



Q2 ANDWLY

# indude < stdio.h>
int absolute value (int);
void main()

intqueue [25], n. headposition, i, j.k, seek = 0, Harrange, difference, temp, queue 1 [20], queue 2 [20], temp 1 = 0, temp 2 = 0 floet average seek time;

Pountf("Enter the Haximum stange of Disk: "); Scanf L. 0/0", & Haxstange);

Pount ["Enter the number of queue requests:"); Scanf ("of d', In);

Print f ("Enter the number of anew requests: "); Sanf ("%d", &n);

Perint "( Enter the intial nead porution: ");

Scanf ("o/od", & head porition);

Porintfl "Enter the disk positions to be read (quoue). ").
for (i=1; i <=n; i++)

5

Scouf ("o/o d", & temp);
it (temp) > head forition)

of queue | [templ] = temps;

```
else
  queue 2 [ toy 2] : temp
   tenyl 2++;
  for ( i= B; ( Ltery 1- 1; ++)
       for ( ]= " + $ 1 \ ) 2 temp 19 1+1)
        & if (queue) [i]>queue, [j])
               temp = quew [ [i]o,
               quew / [i] = quew / [i];
                driens / [?] = tent ?
```

```
for (1=0; 1 < 1 emp2-1; ++3
        tor ( j= i+1:, j < temp 2: j++)
          of (green of [i] ¿ dre mos [i])
              tenf = queue ? [ ],
              drem J. [!] = drem J []]!
               grene J [] = teml!
9 for (1=1,j=0; c/c temp1; i++; j++)
       queue [i] = queue 1 [j];
     queux [i] = maxrange;
for (i = temp 1+2, j=0; j < temp 2; i+1, j++)
        queux [i] = quew 2 [j];
    I que une [i]=0;
```

```
queux [0] = headfosition
for (j=6; $ j <= 40; j++)
      d'Haronce -
absolute Value (quem [j+1] quem [j]);
        feek = feek + différence ;
        grind & l''Disk head moves from
        fosition o/od to c/od high Peek o/od
               queux []], queux []+1], différence
     average leet Truge = Seek ( (float ) no
     frint of ( Total feet Time - of ally", feet);
     frint of ("Average level Pinge = 4. of / n"
  average feek lims);
      absolute (alu (in) x)
      19 (1>6)
```

elle deturn x\*- 19 Micha

