```
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# include < stdio. h>
  in menul)
  gueur 2[20], n, head, i, f, seek =0, nos, diff, deup, queurf20]
     Leup 1 =0, tens 2=0;
    - lood avg;
     prints ("Enter the masorange of disk \n");
     scar f("% d", fnax);
     pri tet f ("Futer the in it tal head position In");
     Scenf (" % d. ", fhead );
     privif ("Enter the 8130 of queal request) n');
     scanf ( 0/0 d", fn);
     privif ("Enter the queul of disk position de horread)"
     for (3=1°, 1<=n°, 1++)
        scanf("% d", f temp);
       i f ( temp > = head)
       ( queu 1 stemp 1] = temp;
          temp 1++;
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queurs [ tems] = temp; temp 2++; for (i=0; ic temp 1-1; ++) for (j= i+ 1°, j < ferip 1; j++) if (queue 1 [i] > queue 1 [j]) temp = queul I[i]; quie 1[1] = quul[j]; queul 1[j] = temp; y for (i=0; i < temp 2-1°, i+) for (j=2+1:j< temp 2;j++) 1 if (queue 2[i] > queue 2[ji]) temp=queue 2[i]; quemissij=quemissij;

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for (i=1, j=0; j < temp 1; i++) j++) que ueli): que ue se f]; que [2] = ma x°, quem [:+1)=0; for (i = temp 1+3, j=0; < temp 2; i++, j++) queusi? - queue sij's; queue (o) = head; for (j=0;j <=n+1;j++) diff-abs (pune [j+12]-queue [j°]); seek+ =diff; printf (" Disk head moves from % of to % I will the seek · / · d \n", queue [j), queus [j°+1], dift;