Subject Tay deep Ray University roune = 2023060 Studentio: -20051112 Or et: - Operating system subject vade: - PS1202 #. Suppose that a disk drive how 100 afridays.... moves? Pageno:- 3 #indude < stdio for # include (stdio. h) int main () intRop[100], i ijin, Total nead Homent=0, initial, size, move, Print 10e Enter the number of Requests (n'); 2007 (c. 1.0, 20); point[["Enter the regrests sequence \n']; for(120; iln; i++) 2 card (, 19, 18 d [1]). print le Enter initial read position(n'); Scary (ce 1.d', & initial); printf(" Enter + otal disk size/n"); Scany 100 - 10 d', & size); print / (ce Enter the head movement direction partigh 2 and for on 0/0,1); Sconflee . d', & mare), for li=0; i cn; itt) you (j2 0 ; j < n - l-1; j++) Taydey 52/8/21

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Name - Taydeep Ray
                                                STUDENTED: 30051112
                     University roll no. = 2023060
Subject:- Operating system subject vode: PBI-202
                                                   Pagero = 4
inttemp;
  temp = RQ(j);
  RQ[j] = RQ[j+1];
  RQ[j+1] = temp;
  int index;
  for(i= 0; i cn; itt)
  { if limitial < RQ(i)
    index = i,
     break;
   for ( = index, ikn, itt)
     Total Head Moment = Total Head Moment + abs (RP)[i]-L);
       Initial = Size-1;
     bor 1=10dex-1,12=0:1--)
```

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Name: - Jaydoop Ray
                   University rollno: - 2023060 Student ID: -3005/112
Subject: - Operating system
                         Sos-184: ebestesjous
                                                   lagero:-5
[ lotal head noment- Total head Homent als [ egsil-initial];
    for ( i= index - 1 ; i>=0 ; i --)
    Total read Homent = Total head Homent + abs[RP[i] -initial]:
     Initial=RA[i];
   Total head homement = Total head homent tabs (RP[i+1]-0].
    for (i=index; icn, 17++)
    Total Nead Homent = Total head Homent + abs (RQ Li) -initial);
   nital = RA[i].
     print | "e Total head movement is I d", Total head homent).
     returno.
```

27/8/21

Enter	initial head position
24	initial head position
Enter	total disk size
100	
Enter	the head movement direction for high 1 and for low 0
Θ	
Total	head movement is 74
Proces	ss exited after 304 seconds with return value 8

12 26 24 4 42 8 50

Press any key to continue . . . _