Branch Dehradun Name Akansha Ratturi Student I'd 20052106 Uni. Roll No. 2023109 (++1,21 day) = 1+1 = 1) and Course Section BSC. IT(A) (Stammer () Hammer (# enclude < stolo. h> I down = 400 june [] = quint (tris) sullo strain () and - [] Lucus of the s ent queu [25], n, headfasition, i, j, k, seek =0, maxrange; ent difference, temps queue 1[20], queue 2[20], temp1=0, temp2=9 float average Seek Time; print ("Inter the maximum sunge of disk : ");
Scant ("%od" a maximum sunge of disk : ");
print ("Enter the number of queue suggests: "); Scant (11% d11, 4n); Print ("Enter the initial head position: "); Scanf ("1% d", & headfosition); Print ("Inter the disk position to be read (queue):"); for (3=13 1 = n gitt) Scanf (110/0011 , & temp) ; if (temp> headbosition) Pqueue 1 [temp1] = temps 4 temp1++; else queue 2[temp2] = tempo 27 temp 2++ 9

```
for ( i=0; ic temp )-1; 5++)
 「おり(するかりょうとものかりょうけり)
  Fil (quent [1] >quent [1])
      femt = quant [[];
quant [[] = xort;
  for (i=0; i< k. 2: 1: i++)
   8 for (1= i+1; 1< ** 1++)
    f if (quantali]cquare 2[j])
   I temb = que alis
      quant (2) = quant 2(1);
  for (i=1, j=0; j( * m); i++
   of quantil = quantil;
     quinc(3) = marrange;
  for (3= * サーナマップ=03」(大いかれままナナップナナ)
   f quarte = quara ?[]);
    4 gruene [2] = 03
       quere [0] = teatheation
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for (=03 3 2= n 3 3++1) difference = absolute Value (queue (j+1)-queue (j)); print ("Disk head moves from position"/d to bed with seek "bod mile queue (j), queue (j+1), difference); point average Seek Time = seek (float) ng point (Tatal Seek Timo = % od \n ", seek); printf ("Ausage Sdek Temo = %f In", avonge sæktime); ent absolute Value (ent x) of (x>0) | William of the all rations of return x 3 dans total all popo (1) 2 Southern x*-13

