SIVOENESO - 2005-1070. MAME of Prigarehy Unit al. DASE 1 27/08/2021 Unsucrising Rout MP 2023 0 49. SUP NAME , Operating System. COURTE n POLIT, SEL nA. sul code 1 poi los. SEM - 2 nd Aman (B) THE PROPERTY OF # Include 20 tolo. h). int absolute value ((nt); World man 11. int queue [2t], n. head position, i, y', k deck = 0; difference, temp, queux, t203, que 2[203, temp]=0; Hoat average. Seek time; frints ("Enter the maximum range of Dilk!"); stand (" "/d! & max range)" Brind f ("Enter the number of queue requests"); Print f ("Enter the mential head Position "); about (" " od " & head position"); Printf ("Enter the diste positions to be read (quare):"); for (1=1; 12=11: 1++) Scan of (" "/0 d": 4 kmp); if (temps head position) cueun I [1 temp] firmp;

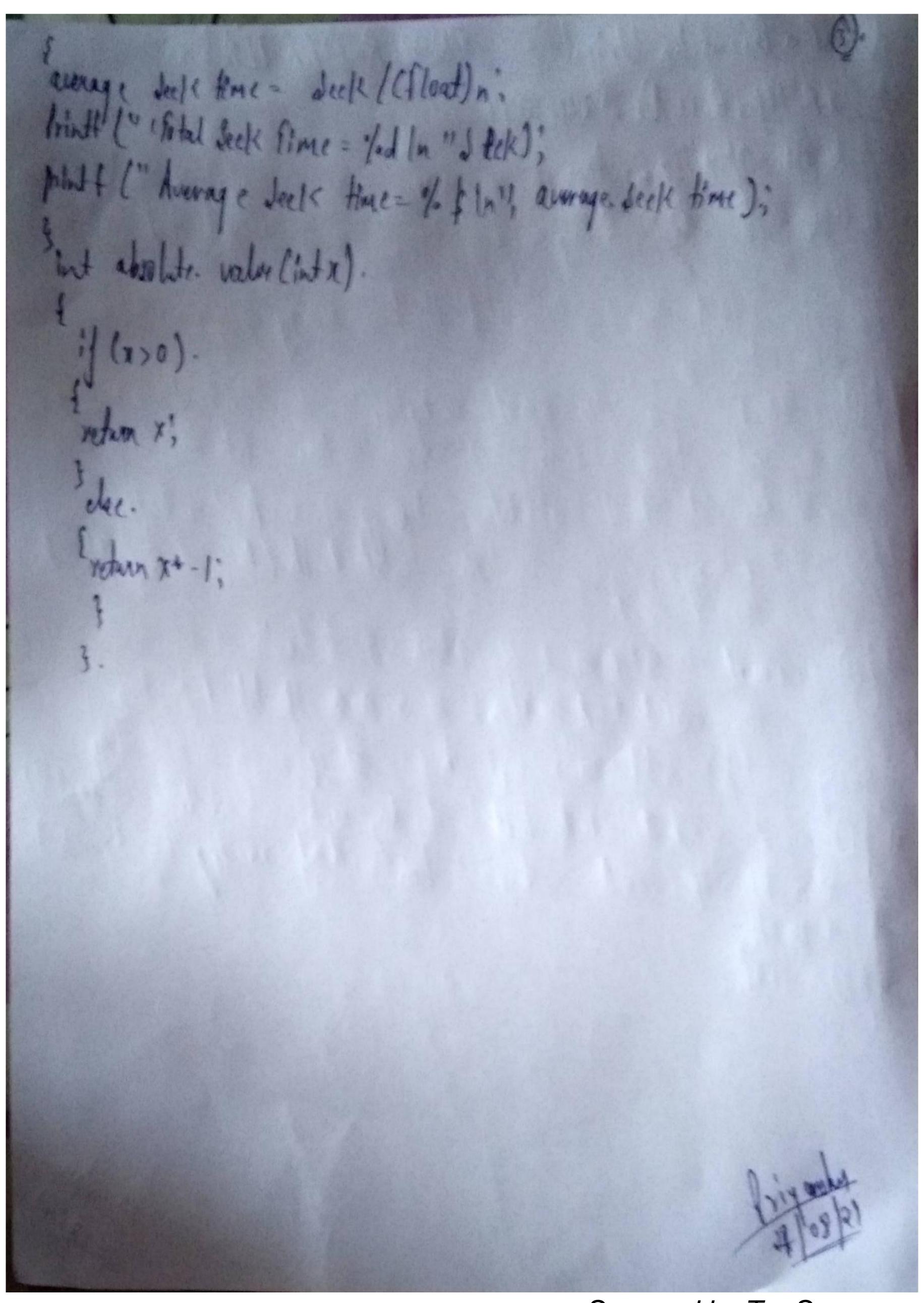
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```
Prime. ? [temp?] =temp;
temp? 111;
  for (i=0; < temp 1-1; j'++).
  for (j=i+1; j+temp1; j++).
Y Grene I E' 3 e quene I E'].

Quene I E'] = quene I E'];

quene E'] = temp;
  for [i=1, j=0; leterpl: i++, j++).
   quare [1]: quare [i];
   grave [i] = max rang!
  for (:= temp 1+2j=0; j; temp); j++).
   queme [i]: queme o[i];
     quemer [ 13-0!
     view co3- headposition;
    lor G=9 j 1 = n; j++).
     desprence : absolute value (queue. [1:1]-queue. [1];
    deck = Seelt + differente;
   prints ("Disk head now from printing "led to bed with seek lad
 queue (13, queux. Ci++7, difference.);
```

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```
Enter the number of Requests

7
Enter the Requests sequence
12
26
24
4
4
22
8
50
Enter initial head position
24
Enter total disk size
100
Total head movement is 170
PS C:\Users\hp\c programming\operating system>
```