```
Name! - Neelan
                                Practical: Operatino oyslam (PBI 202)
    Course! - Bsc it
   Section!-A
   REUNO!-2023069
                                       Tomb . Hand a droot.
   Student id: - 20052049.
                              Conglamite and a smith sound
22. # include estdio. hs
     Void main O
       int burst-time[20], process [20], Maiting-time[20], tat[20] ();
int i,j, m, total = 0, pos, temp;
                                          (that = (200) 7 comp
      float age we save tat;
       Frint f ( "Enter Mumber of process: ");
       Scanf ("y/d", fn);
      Print (" Enter Burst Time: \n");
       for (i= Di i < n ; i++)
       & Print f (p'/.d:", i+1);
         Acant ("Y.d", Burst-time [i]);
                                 - John + + Halling - Howelli
        process [i] = i+1;
                                 (m/ Jajat (toat) = +4- 1940
       for (1= 0; (<n; 1++)
                                              i de Intola
        & POS =1;
                                      of melsong of " ) of mily
           for (j+1; j<n; j++)
                 if (burst-time[j] < burst-time[pos])
```

```
3 POA=j;
     temp = bundt time [];
     burst-time = burst-time[pow];
     burst-time = temp;
temp = processe[j];

poocesse[ja=processe[pos];
                                  But bust time od, pros
 proces PE pos) = temp;
       Waiting - time [0] . 0;
                                        (m/1 + 1/4) June
    for (i=1; i<n; i++)
   wouthing-time [i]= 0;
                                     Sight Contraction
      for (j=0;j<1;j++)
                                     +3 , "(6.4 9 ) - 1 taken
     waiting + Hinti] += burst-time [j];
                                       quant ("Y.d" bu
   total += Haiting-time [i];
     avg-wt = (float) total/n'
      total =0;
   Printf (" In processes It
                                             16 Walting Time It
                               Burst time
          turn around Time");
   for Cia Often ; itd
```

```
&
 tat [i] = burst time [i] + naiting-time [i];
   total += tab [i];
  Printf ["Inpy.ditit "/ditit "/ditititid", pois pour processi
 burst-timetij, walting-time, tat (17);
  ang-tat = (float) total /n;
 Printf ("In In Average Waiting Time = 1/f", aug-Ht);
  Printf ( "In Average Tumperound Time = 1.f /n", and -tat);
6.3
                                         Melan
                                          22/06/21
```

PROBLEMS	OUTPUT	DEBUG CONS	OLE TERMINAL		
Process	Burst Ti	ime	Waiting Time	Turnaround	Time
р3	1		0	. 1	
p2	2		1	3	
p4	4		3	7	
p1	1	B	7	17	

Average Waiting Time=2.750000 Average Turnaround Time=7.000000

PS C:\Users\neelam\OneDrive\Documents\vs code c language\file handling qus>