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Course - BSC-IT 2B.
Hinclude cstdio. 4>
 int main ()
   int bt [20], P[20], w+ [20], ta+[20], i,j,n, total = 0, pas, temp;
   float aug-wt, aug-tat;
    Print f (" Enter number of processes: ");
     Sconf ("/d", 4n);
     Printf ("In Enter Burst Time: In");
     for (i= 0; i cn; i++)
       print f ("py.d:", i+1);
       Sean f (" 7. d", 4 b+ [i]);
           P [i] = i+1;
        for (i = 0; icn: j++)
            F (b+[j] < b+ [pos])
             Pos = j ;
            temb = bt [i];
            b+[i] = b+ [pos];
            bt [pos] = temp;
            temp = P Ei];
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P[i] = p [Pos];
  P[pos] = temp;
 wt [o] = 0;
 for (i=1; i<n; i++)
     w+[i]=0;
    for (j=0;j<i;j++)
    ·w+ [i] += 6+ [j];
    Total + = w+ [i];
    PHONON STEEN MINE.
 aug_wt = (float) + atal /n;
   total = 0;
                        Borst Time 16 waiting Time 1
   Printf ("In ProcessIt
   for (i=0; icn; i++)
    tat [i] = bt [i] + wt [i];
    Total + = tat [i];
    Printf ("Inp/ditit /ditit /dititition", PCi], bt [i], w+Ci),
   tat [i]):
  avg_tat = (float) total /n;
Printf ("In In Average waiting Time = ", F", aug - wt);
printf ("InAlberge Turnaround Time = > f In", aug - Tat);
```

```
Enter Burst Time:
p1:10
p2:2
p3:1
p4:4
            Burst Time
                                Waiting Time Turnaround Time
Process
```

	0	
1	0	1
2	1	3
4	3	7

4	_	_
4	3	7
10	7	17

Average Waiting Time=2.750000 Average Turnaround Time=7.000000

Elicel Hallibel Ol process.+

p3 p2 p4 p1

Process returned 0 (0x0) execution time : 19.949 s

Press any key to continue.