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```
austion - 2.
  # include < stdio. h>
    int main ()
    int bt[20], p[20], wt[20], tat[20], i, j, n, total = 0,
    pos, temp;
    bloat aug- wt, aug-tat;
     prints ("Exter number of process:");
     scart ("1.d", &n);
     prints ("In Enter Burst Time: In");
     for (i=0; i<n; i++)
     points ("p1.d:", i+1);
      scorp ("1.d", & bt (i));
      þ(i]=i+1;
      bor(i=0;i<n;i++)
      bor(j=i+1;j<n;j++)
```

```
46(bt[j]<bt[pos])
 pod = j;
 temp=bt[i];
 bt [i]=bt[pes];
 bt [pos] = temp;
 temp=p[i];
  p[i] = b[bos];
  p[pes]=temp;
 wt[0]=0;
 for (i=1; i < n; i++)
 ; o= [i] +on
 for (j=0; j<1;j++)
 wt[i]+=bt[j];
  total = + = wt (i);
3
 aug-wt=(float) total/n;
 printo ("In Process ) + Burst Time \thaiting Time \
 total = 0;
        tTwinsbund Time");
  bor (i=0; i<n; i++)
```

```
total + = tal [i];

printf ("\np!.d\t\t\'.d\t\t\'.d\t\\t\'.d\';

p[i], bt[i], wt[i], tat[i]);

aug -tat = (float) total/n;

printf ("\n\n sverage Waiting Time = 1.f'; aug - wt);

printf ("\nAverage Turnaround Time = 1.f\'; aug -

tat);

}

Depar
```

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nter numl	per of p	rocess:4		
nter Bur	st Time:			
1:10				
2:2				
3:1				
4:4				
rocess	Burst	Time	Waiting Time	Turnaround Time
3		1	0	1
2		2	1	3
4		A	3	7

verage Waiting Time=2.750000 verage Turnaround Time=7.000000

ress ENTER to exit console.

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