

## MENU

Auto saved at 21:51:12

```

1 #include<stdio.h>
2
3 int main()
4 {
5     int n,bt[20],wt[20],tat[20],awwt=0,avtat=0,i,j;
6
7     printf("Enter total number of processes (maximum 20):");
8
9     scanf("%d",&n);
10
11     printf("\nEnter Process Burst Times"); for(i=0;i<n;i++)
12 {
13     printf("P[%d]:",i+1);
14     scanf("%d",&bt[i]);
15 }
16 wt[0]=0;
17 for(i=1;i<n;i++)
18 {
19     wt[i]=0; for(j=0;j<i;j++)
20     wt[i]+=bt[j];
21 }
22 printf("\nProcess\tBurst Time\tWaiting Time\tTurnaround Time");
23 for(i=0;i<n;i++)
24 {
25     tat[i]=bt[i]+wt[i];
26     awwt+=wt[i];
27     avtat+=tat[i];
28     printf("\nP[%d]\tt\t\t\t\t\t",i+1,bt[i], wt[i], tat[i]); }
29 awwt/=i;
30 avtat/=i;
31 printf("\nnAverage Waiting Time:%d",awwt);
32 printf("\nAverage Turnaround Time:%d",avtat);
33 return 0;
34 }

```

Tab

 $\{$ 

44-39

9

↩



# Compile Result

```
Enter total number of processes (maximum 20):
3
Enter Process Burst Time
P[1]:33
P[2]:2
P[3]:1
Process Burst Time Waiting Time Turnaround
Time
P[1] 33 0 33
P[2] 2 33 35
P[3] 1 35 36
Average Waiting Time: 22
Average Turnaround Time: 34
[Process completed - press Enter]
```