

**OnlineGDB** beta  
online compiler and debugger for c/c++

Welcome, **yamini** 📌

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main.c

```
9 #include<stdio.h>
10 int main()
11 {
12     int bt[10]={0},at[10]={0},tat[10]={0},wt[10]={0},ct[10]={0};
13     int n,sum=0;
14     float totalTAT=0,totalWT=0;
15     printf("Enter number of processes  ");
16     scanf("%d",&n);
17     printf("Enter arrival time and burst time for each process\n\n");
18     for(int i=0;i<n;i++)
19     {
20         printf("Arrival time of process[%d] ",i+1);
21         scanf("%d",&at[i]);
22         printf("Burst time of process[%d] ",i+1);
23         scanf("%d",&bt[i]);
24         printf("\n");
25     }
26     for(int j=0;j<n;j++)
27     {
28         sum+=bt[j];
29         ct[j]=sum;
30     }
31     for(int k=0;k<n;k++)
32     {
33         tat[k]=ct[k]-at[k];
34         totalTAT+=tat[k];
35     }
36     for(int k=0;k<n;k++)
37     {
38         wt[k]=tat[k]-bt[k];
39         totalWT+=wt[k];
40     }
41     printf("Solution: \n\n");
42     printf("P#\t AT\t BT\t CT\t TAT\t WT\t\n\n");
43     for(int i=0;i<n;i++)
```

input

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```
main.c
36 for(int k=0;k<n;k++)
37 {
38     wt[k]=tat[k]-bt[k];
39     totalWT+=wt[k];
40 }
41 printf("Solution: \n\n");
42 printf("P#\t AT\t BT\t CT\t TAT\t WT\n\n");
43 for(int i=0;i<n;i++)
44 {
45     printf("P%d\t %d\t %d\t %d\t %d\t %d\n",i+1,at[i],bt[i],ct[i],tat[i],wt[i]);
46 }
47 printf("\n\nAverage Turnaround Time = %f\n",totalTAT/n);
48 printf("Average WT = %f\n",totalWT/n);
49 return 0;
50 }
```

input

Enter number of processes 2

Enter arrival time and burst time for each process

Arrival time of process[1] 1

Burst time of process[1] 2

Arrival time of process[2] 3

Burst time of process[2] 5

Solution:

P#	AT	BT	CT	TAT	WT
P1	1	2	2	1	-1
P2	3	5	7	4	-1

Average Turnaround Time = 2.500000

Average WT = -1.000000