

main.c



Run

Output

```
1 #include <stdio.h>
2 int main() {
3     int n, bt[10], wt[10], tat[10], i, j, temp, p[10];
4     float avgwt=0, avgtat=0;
5     printf("Enter number of processes: ");
6     scanf("%d", &n);
7     printf("Enter burst times:\n");
8     for (i=0; i<n; i++) {
9         scanf("%d", &bt[i]);
10        p[i] = i+1;
11    }
12    for (i=0; i<n-1; i++)
13        for (j=i+1; j<n; j++)
14            if (bt[i] > bt[j]) {
15                temp = bt[i]; bt[i] = bt[j]; bt[j] = temp;
16                temp = p[i]; p[i] = p[j]; p[j] = temp;
17            }
18    wt[0]=0;
19    for (i=1; i<n; i++)
20        wt[i]=wt[i-1]+bt[i-1];
```

Enter number of processes: 2

Enter burst times:

4 5 6

P BT WT TAT

1 4 0 4

2 5 4 9

Avg WT=2.00, Avg TAT=6.50

==== Code Execution Successful ===