


The screenshot displays the Programiz C Online Compiler interface. The code in `main.c` implements a Round Robin scheduling algorithm. The output shows the execution results for 4 processes with burst times 6, 8, 7, and 3. The calculated average waiting time is 10.250000 and the average turnaround time is 16.250000.

```
#include <stdio.h>
int main()
{
    int pid[15];
    int bt[15];
    int n,i;
    printf("Enter the number of processes: ");
    scanf("%d",&n);
    printf("Enter process id of all the processes\n: ");
    for(i=0;i<n;i++)
    {
        scanf("%d",&pid[i]);
    }
    printf("\nEnter burst time of all the processes\n: ");
    for(i=0;i<n;i++)
    {
        scanf("%d",&bt[i]);
    }
    int wt[n];
    wt[0]=0;
    for(i=1; i<n; i++)
    {
        wt[i]= bt[i-1]+ wt[i-1];
    }
    printf("\nProcess ID      Burst Time      Waiting Time      TurnAround Time\n");
    float twt=0.0;
```

Output:

```
/tmp/3q03fLmRgg.o
Enter the number of processes: 4
Enter process id of all the processes
: 1
2
3
4
5
Enter burst time of all the processes
: 6
8
7
3
Process ID      Burst Time      Waiting Time      TurnAround Time
1      6      0      6
2      8      6      14
3      7      14      21
5      3      21      24
Avg.waiting time= 10.250000
Avg turnaround time= 16.250000
```


Programiz
 C Online Compiler

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main.c

Run

```

18 }
19 int wt[n];
20 wt[0]=0;
21 for(i=1; i<n; i++)
22 {
23     wt[i]= bt[i-1]+ wt[i-1];
24 }
25 printf("\nProcess ID      Burst Time      Waiting Time      TurnAround Time\n");
26 float twt=0.0;
27 float tat= 0.0;
28 for(i=0; i<n; i++)
29 {
30     printf("%d\t\t", pid[i]);
31     printf("%d\t\t", bt[i]);
32     printf("%d\t\t", wt[i]);
33     printf("%d\t\t", bt[i]+wt[i]);
34     printf("\n");
35     twt += wt[i];
36     tat += (wt[i]+bt[i]);
37 }
38 float att,awt;
39 awt = twt/n;
40 att = tat/n;
41 printf("Avg.waiting time= %f\n",awt);
42 printf("Avg turnaround time= %f",att);
43 }
```

Output

Clear

```

/tmp/3q03fLmRgg.o
Enter the number of processes: 4
Enter process id of all the processes
: 1
2
3
4
5
Enter burst time of all the processes
: 6
8
7
3
Process ID      Burst Time      Waiting Time      TurnAround Time
1      6      0      6
2      8      6      14
3      7      14      21
5      3      21      24
Avg.waiting time= 10.250000
Avg turnaround time= 16.250000
```