https://www.programiz.com/c-programming/online-compiler/

main.c

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```c
// Online C compiler to run C program online
#include<stdio.h>

main()
{
int bt[20], wt[20], tat[20], i, n;
float wtavg, tatavg;

printf("\nEnter the number of processes -- ");
scanf("%d", &n);
for(i=0;i<n;i--)
{
printf("\nEnter Burst Time for Process %d -- ", i);
scanf("%d", &bt[i]);
}
wt[0] = wtavg = 0;
tat[0] = tatavg = bt[0];
for(i=1;i<n;i--)
{

wt[i] = wt[i-1] +bt[i-1];
tat[i] = tat[i-1] +bt[i];
wtavg = wtavg + wt[i];
tatavg = tatavg + tat[i];
}
printf("\t PROCESS \tBURST TIME \t WAITING TIME\t TURNAROUND TIME\n");
for(i=0;i<n;i--)
printf("\n\t P%d \t\t %d \t\t %d \t\t %d", i, bt[i], wt[i], tat[i]);
printf("\nAverage Waiting Time -- %f", wtavg/n);
printf("\nAverage Turnaround Time -- %f", tatavg/n);

}
```

```
/tmp/oTZ7I3Irp.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
    4 | main()
      | ^~~~
/tmp/oTZ7I3Irp.o

Enter the number of processes -- 3

Enter Burst Time for Process 0 -- 24

Enter Burst Time for Process 1 -- 3

Enter Burst Time for Process 2 -- 3
     PROCESS    BURST TIME   WAITING TIME    TURNAROUND TIME

     P0          24          0       24
     P1          3       24          27
     P2          3       27          30
Average Waiting Time -- 17.000000
Average Turnaround Time -- 27.000000

=== Code Execution Successful ===
```