MID TERM (practical)

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Section - 2B
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(1)

OPERATING SYSTEM

Ques 1 - Tieu own a pizza restaurant.....

Metali 22/6/21

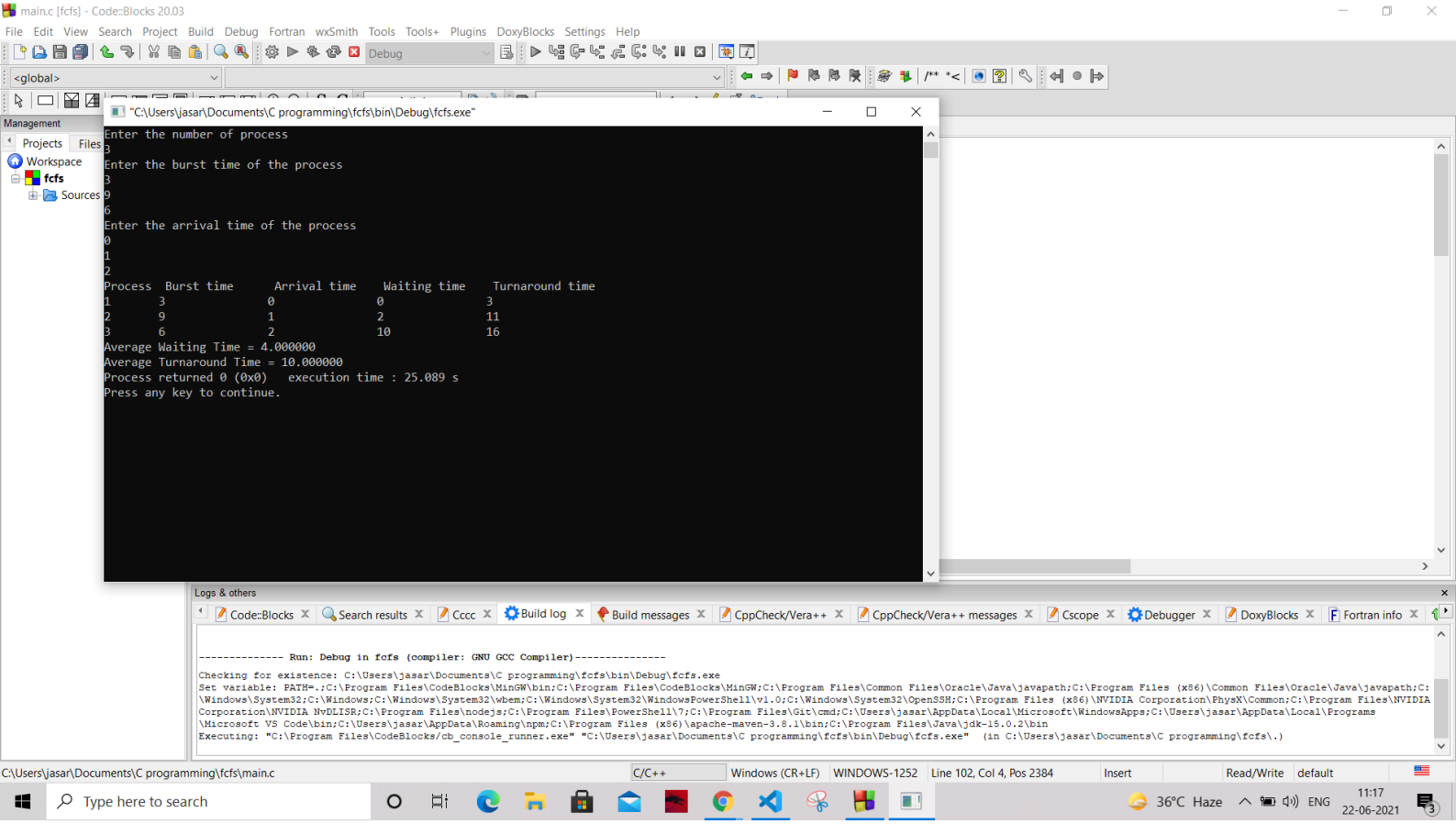
```
#include<stdio.h>
#define max 30.

int main()
{
  int i, n, bt[max], at[max], wt[max],
    tat[max], temp[max];
  float awt=0, atat=0;
  printf("Enter the number of process\n");
   scanf("%d", &n);
  printf("Enter the burst time of the process\n");
   for(i=0; i<n; i++)
    { scanf("%d", &bt[i]);
    }
  printf("Enter the arrival time of the
    process\n");
     for(i=0; i<n; i++)
       { scanf("%d", &at[i]);
     }
```

```
temp[0] = 0;
printf("Process\t Burst time\t Arrival time\t waiting
        Time\t Turnaround time\n");
for(i=0; i<n; i++)
  {
    wt[i] = 0;
    tat[i] = 0;
    temp[i+1] = temp[i] + bt[i];
    wt[i]  = temp[i] - at[i];
    tat[i] = wt[i] + bt[i];
    awt = awt + wt[i];
    atat = atat + tat[i];
printf("%d\t %d\t\t %d\t\t %d\t\t %d\n", i+1,
                bt[i], at[i], wt[i], tat[i]);
  }
    awt = awt/n;
    atat = atat/n;
printf("Average waiting time = %f\n", awt);
printf("Average Turnaround time = %f\n", atat);
  return 0;
}
```

(2)

Retali
22/6/21


main.c [fcfs] - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
"C:\Users\jasar\Documents\C programming\fcfs\bin\Debug\fcfs.exe"
Enter the number of process
3
Enter the burst time of the process
3
9
6
Enter the arrival time of the process
0
1
2
Process Burst time Arrival time Waiting time Turnaround time
1 3 0 0 3
2 9 1 2 11
3 6 2 10 16
Average Waiting Time = 4.000000
Average Turnaround Time = 10.000000
Process returned 0 (0x0) execution time : 25.089 s
Press any key to continue.
Logs & others
Code::Blocks
Search results
Cccc
Build log
Build messages
CppCheck/Vera++
CppCheck/Vera++ messages
Cscope
Debugger
DoxyBlocks
Fortran info
---------- Run: Debug in fcfs (compiler: GNU GCC Compiler)----------
Checking for existence: C:\Users\jasar\Documents\C programming\fcfs\bin\Debug\fcfs.exe
Executing: "C:\Program Files\CodeBlocks/cb_console_runner.exe" "C:\Users\jasar\Documents\C programming\fcfs\bin\Debug\fcfs.exe" (in C:\Users\jasar\Documents\C programming\fcfs\.)
C:\Users\jasar\Documents\C programming\fcfs\main.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 102, Col 4, Pos 2384
Insert
Read/Write
default
Type here to search
36°C Haze
ENG
11:17
22-06-2021