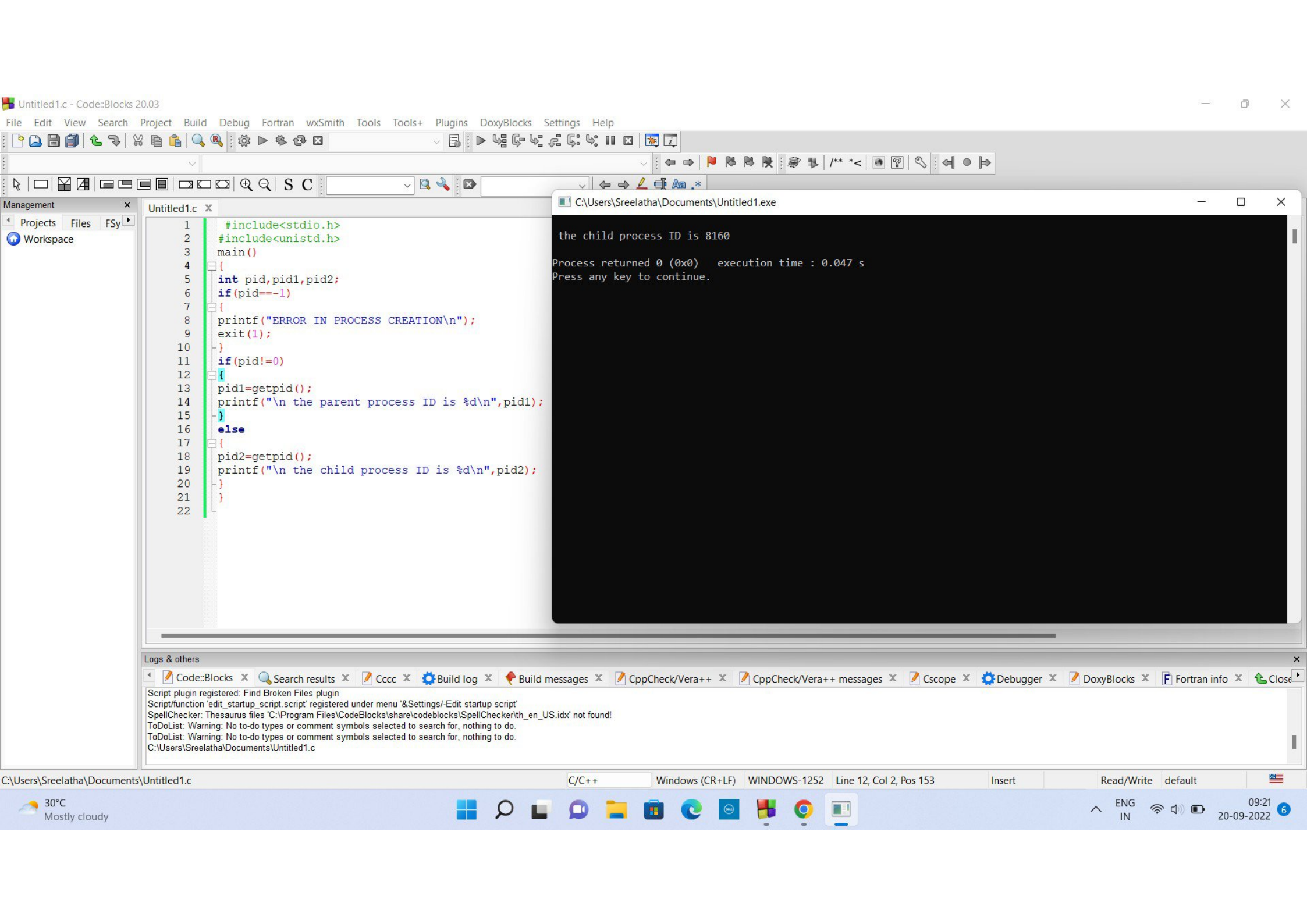
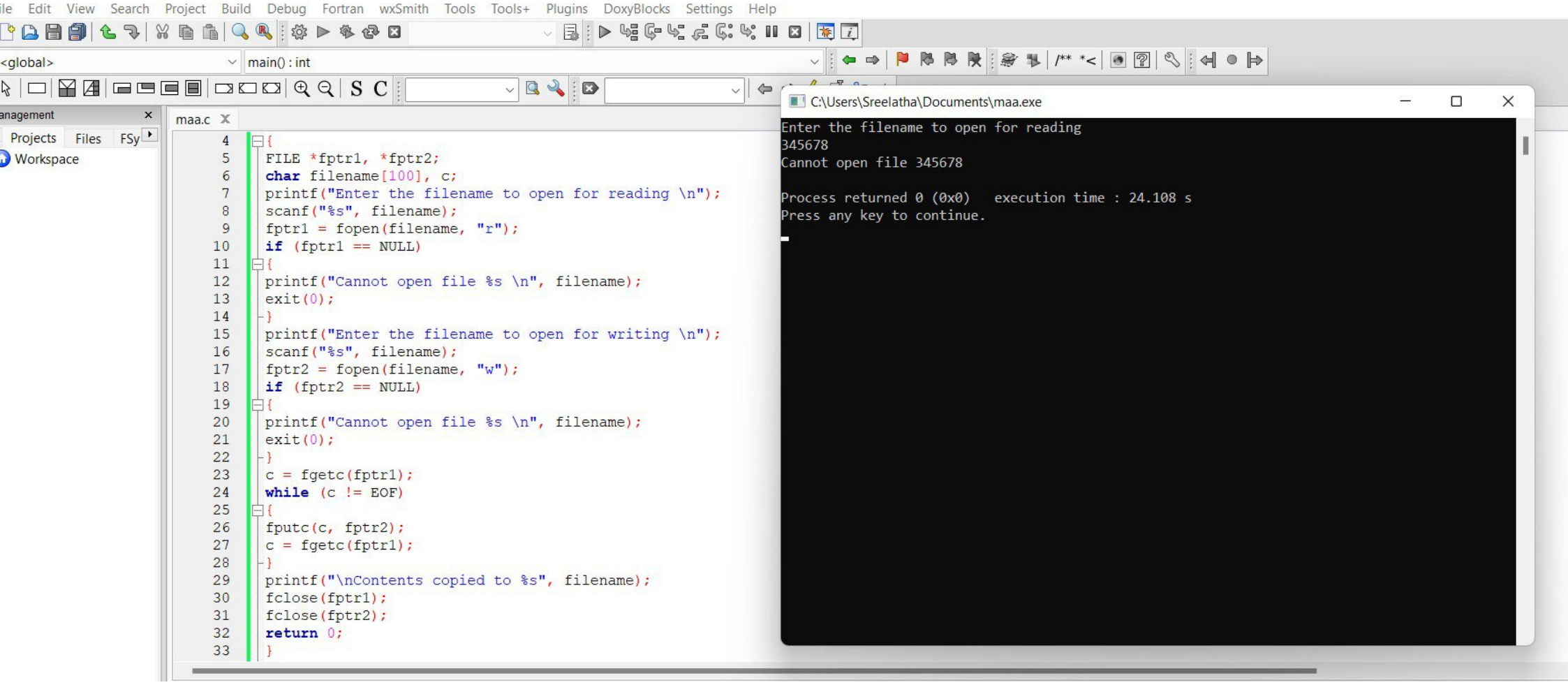
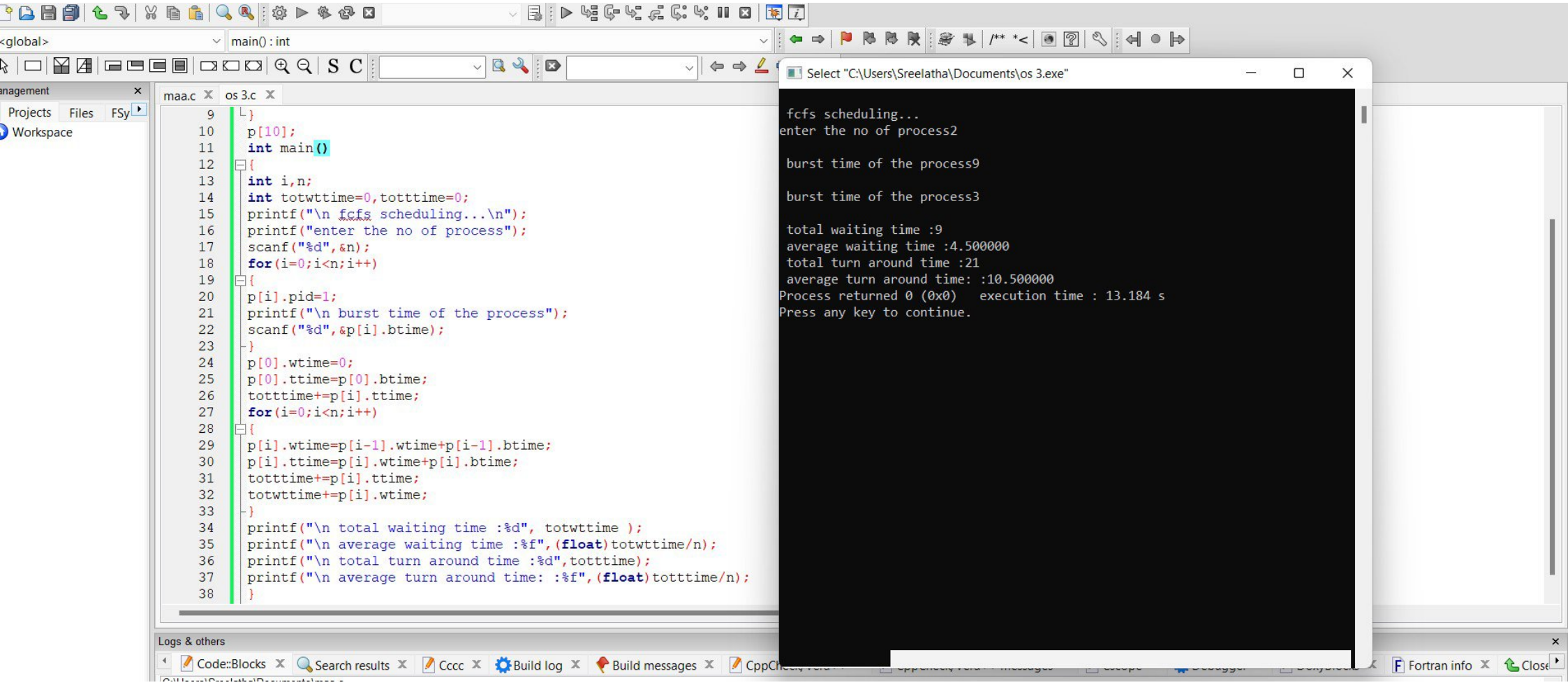

Untitled1.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Management
Projects Files FSy
Workspace
Untitled1.c
1 #include<stdio.h>
2 #include<unistd.h>
3 main()
4 {
5 int pid,pid1,pid2;
6 if(pid==-1)
7 {
8 printf("ERROR IN PROCESS CREATION\n");
9 exit(1);
10 }
11 if(pid!=0)
12 {
13 pid1=getpid();
14 printf("\n the parent process ID is %d\n",pid1);
15 }
16 else
17 {
18 pid2=getpid();
19 printf("\n the child process ID is %d\n",pid2);
20 }
21 }
22
C:\Users\Sreelatha\Documents\Untitled1.exe
the child process ID is 8160
Process returned 0 (0x0) execution time : 0.047 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 Close
Script plugin registered: Find Broken Files plugin
Script/function 'edit_startup_script.script' registered under menu '&Settings/-Edit startup script'
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
ToDoList: Warning: No to-do types or comment symbols selected to search for, nothing to do.
ToDoList: Warning: No to-do types or comment symbols selected to search for, nothing to do.
C:\Users\Sreelatha\Documents\Untitled1.c
C:\Users\Sreelatha\Documents\Untitled1.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 12, Col 2, Pos 153
Insert
Read/Write
default
30°C
Mostly cloudy
ENG
IN
09:21
20-09-2022


ile Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main() : int
anagement
Projects Files FSy
Workspace
maa.c
4 {
5 FILE *fptr1, *fptr2;
6 char filename[100], c;
7 printf("Enter the filename to open for reading \n");
8 scanf("%s", filename);
9 fptr1 = fopen(filename, "r");
10 if (fptr1 == NULL)
11 {
12 printf("Cannot open file %s \n", filename);
13 exit(0);
14 }
15 printf("Enter the filename to open for writing \n");
16 scanf("%s", filename);
17 fptr2 = fopen(filename, "w");
18 if (fptr2 == NULL)
19 {
20 printf("Cannot open file %s \n", filename);
21 exit(0);
22 }
23 c = fgetc(fptr1);
24 while (c != EOF)
25 {
26 fputc(c, fptr2);
27 c = fgetc(fptr1);
28 }
29 printf("\nContents copied to %s", filename);
30 fclose(fptr1);
31 fclose(fptr2);
32 return 0;
33 }
C:\Users\Sreelatha\Documents\maa.exe
Enter the filename to open for reading
345678
Cannot open file 345678
Process returned 0 (0x0) execution time : 24.108 s
Press any key to continue.


maa.c
os 3.c
}
p[10];
int main()
{
int i,n;
int totwttime=0,totttime=0;
printf("\n fcfs scheduling...\n");
printf("enter the no of process");
scanf("%d",&n);
for(i=0;i<n;i++)
{
p[i].pid=1;
printf("\n burst time of the process");
scanf("%d",&p[i].btime);
}
p[0].wtime=0;
p[0].ttime=p[0].btime;
totttime+=p[i].ttime;
for(i=0;i<n;i++)
{
p[i].wtime=p[i-1].wtime+p[i-1].btime;
p[i].ttime=p[i].wtime+p[i].btime;
totttime+=p[i].ttime;
totwttime+=p[i].wtime;
}
printf("\n total waiting time :%d", totwttime);
printf("\n average waiting time :%f",(float)totwttime/n);
printf("\n total turn around time :%d",totttime);
printf("\n average turn around time: :%f",(float)totttime/n);
}
Select "C:\Users\Sreelatha\Documents\os 3.exe"
fcfs scheduling...
enter the no of process2
burst time of the process9
burst time of the process3
total waiting time :9
average waiting time :4.500000
total turn around time :21
average turn around time: :10.500000
Process returned 0 (0x0) execution time : 13.184 s
Press any key to continue.
Logs & others
Code::Blocks
Search results
Cccc
Build log
Build messages
Fortran info

os 56.c - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Start here | os 56.c

```
        temp=pr[i];
        pr[i]=pr[pos];
        pr[pos]=temp;

        temp=bt[i];
        bt[i]=bt[pos];
        bt[pos]=temp;

        temp=p[i];
        p[i]=p[pos];
        p[pos]=temp;
    }

    wt[0]=0;


    for(i=1;i<n;i++)
    {
        wt[i]=0;
        for(j=0;j<i;j++)
            wt[i]+=bt[j];

        total+=wt[i];
    }

    avg_wt=total/n;
    total=0;

    printf("\nProcess\t    Burst Time    \tWaiting Time\tTurnaround Time");
    for(i=0;i<n;i++)
    {
        tat[i]=bt[i]+wt[i];
        total+=tat[i];
        printf("\nP[%d]\t\t  %d\t\t    %d\t\t\t%d",p[i],bt[i],wt[i],tat[i]);
    }

    avg_tat=total/n;
    printf("\n\nAverage Waiting Time=%d",avg_wt);
    printf("\nAverage Turnaround Time=%d\n",avg_tat);

return 0;
}
```

"C:\Users\Sreelatha\Documents\os 56.exe"

```
Enter Total Number of Process:3

Enter Burst Time and Priority

P[1]
Burst Time:89
Priority:78

P[2]
Burst Time:67
Priority:78

P[3]
Burst Time:56
Priority:76

Process     Burst Time          Waiting Time    Turnaround Time
P[3]             56                  0                   56
P[2]             67                  56                  123
P[1]             89                  123                 212

Average Waiting Time=59
Average Turnaround Time=130

Process returned 0 (0x0)   execution time : 38.690 s
Press any key to continue.
```

C:\Users\Sreelatha\Documents\os 56.c | C/C++ | Windows (CR+LF) | WINDOWS-1252 | Line 71, Col 2, Pos 1394 | Insert | Read/Write | default

ENG IN 11:38 20-09-2022

Untitled1.c - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Start here | Untitled1.c

```
6   float avg_wt, avg_tat;
7   printf("Enter number of process: ");
8   scanf("%d", &n);
9   printf("Enter Burst Time:\n");
10  for (i = 0; i< n; i++)
11  {
12  printf("P%d: ", i + 1);
13  scanf("%d", &A[i][1]);
14  A[i][0] = i + 1;
15  }
16  for (i = 0; i< n; i++)
17  {
18  index = i;
19  for (j = i + 1; j < n; j++)
20  if (A[j][1] < A[index][1])
21  index = j;
22  temp = A[i][1];
23  A[i][1] = A[index][1];
24  A[index][1] = temp;
25  temp = A[i][0];
26  A[i][0] = A[index][0];
27  A[index][0] = temp;
28  }
29  A[0][2] = 0;
30  for (i = 1; i< n; i++) {
31  A[i][2] = 0;
32  for (j = 0; j <i; j++)
33  A[i][2] += A[j][1];
34  total += A[i][2];
35  }
36  avg_wt = (float)total / n;
37  total = 0;
38  printf("P    BT  WT  TAT\n");
39  for (i = 0; i< n; i++)
40  {
41  A[i][3] = A[i][1] + A[i][2];
42  total += A[i][3];
43  printf("P%d  %d  %d  %d\n", A[i][0],A[i][1], A[i][2], A[i][3]);
44  }
45  avg_tat = (float)total / n;
46  printf("Average Waiting Time= %f", avg_wt);
47  printf("\nAverage Turnaround Time= %f", avg_tat);
48  }
49
```

C:\Users\Sreelatha\Documents\Untitled1.exe

```
Enter number of process: 7
Enter Burst Time:
P1: 67
P2: 9
P3: 8
P4: 9
P5: 9
P6: 6
P7: 5
P       BT      WT      TAT
P7      5       0       5
P6      6       5       11
P3      8       11      19
P4      9       19      28
P5      9       28      37
P2      9       37      46
P1      67      46      113
Average Waiting Time= 20.857143
Average Turnaround Time= 37.000000
Process returned 0 (0x0)   execution time : 29.203 s
Press any key to continue.
```

C:\Users\Sreelatha\Documents\Untitled1.c | C/C++ | Windows (CR+LF) | WINDOWS-1252 | Line 18, Col 11, Pos 335 | Insert | Read/Write | default

ENG IN 11:35 20-09-2022