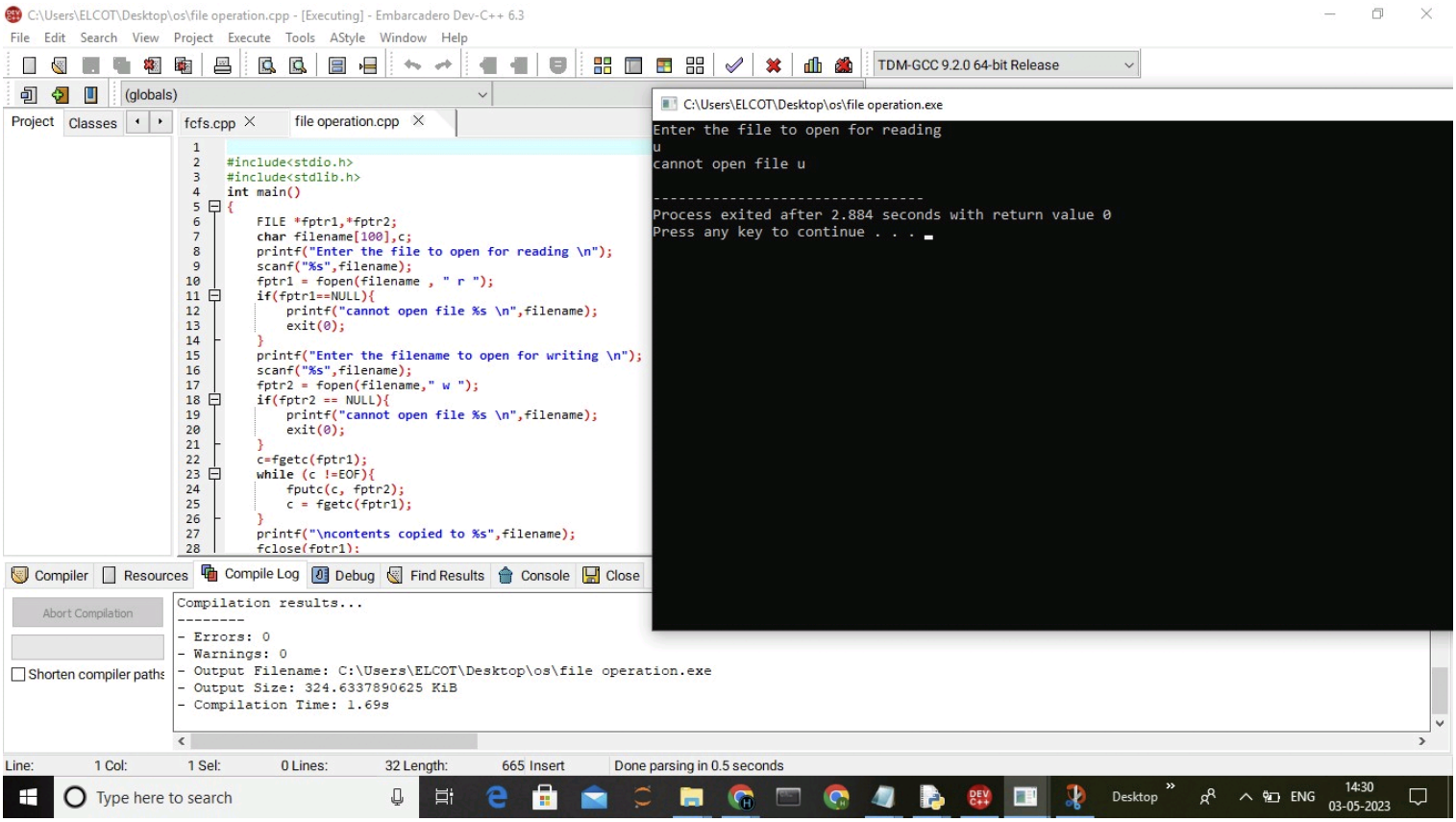
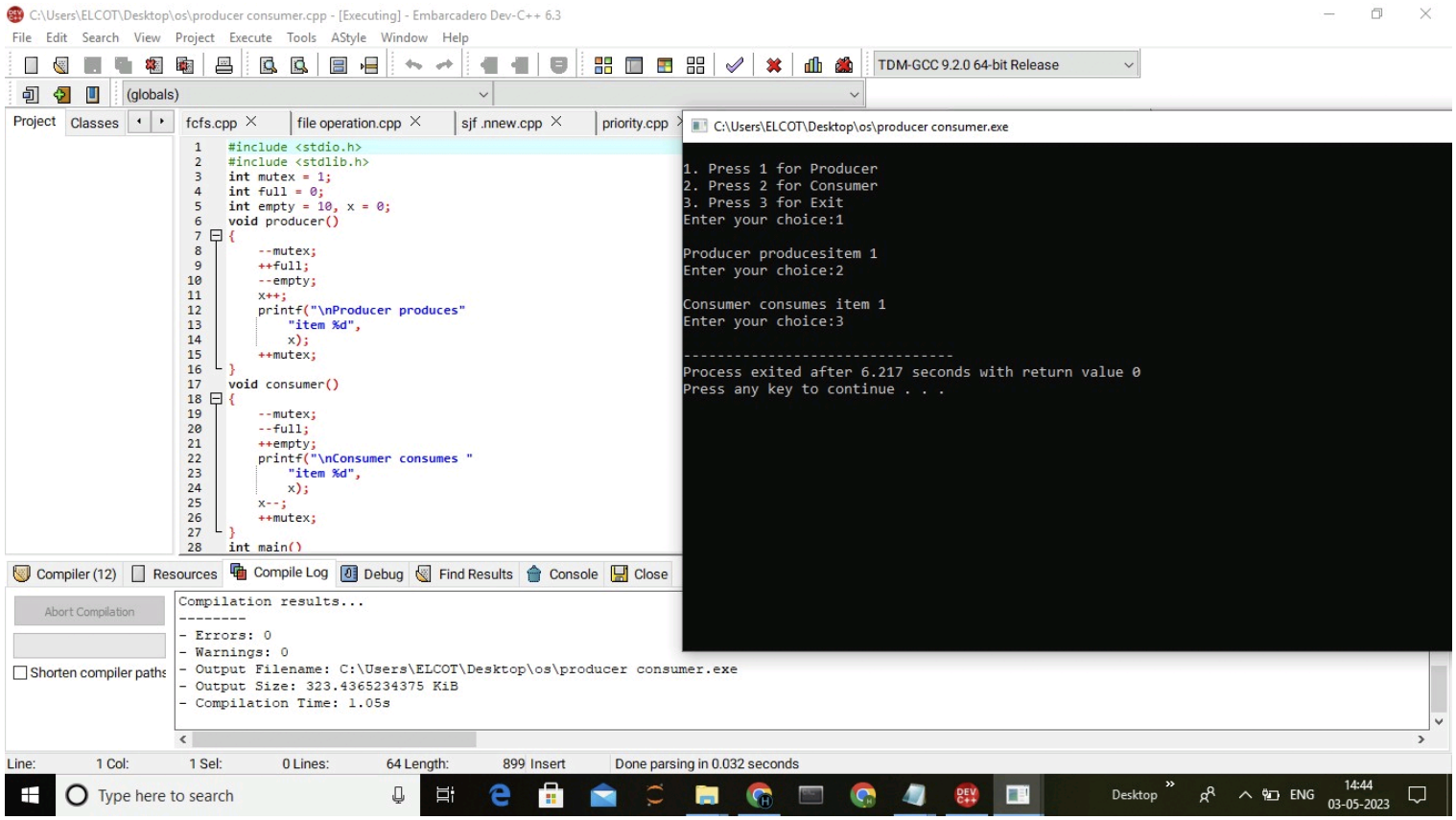
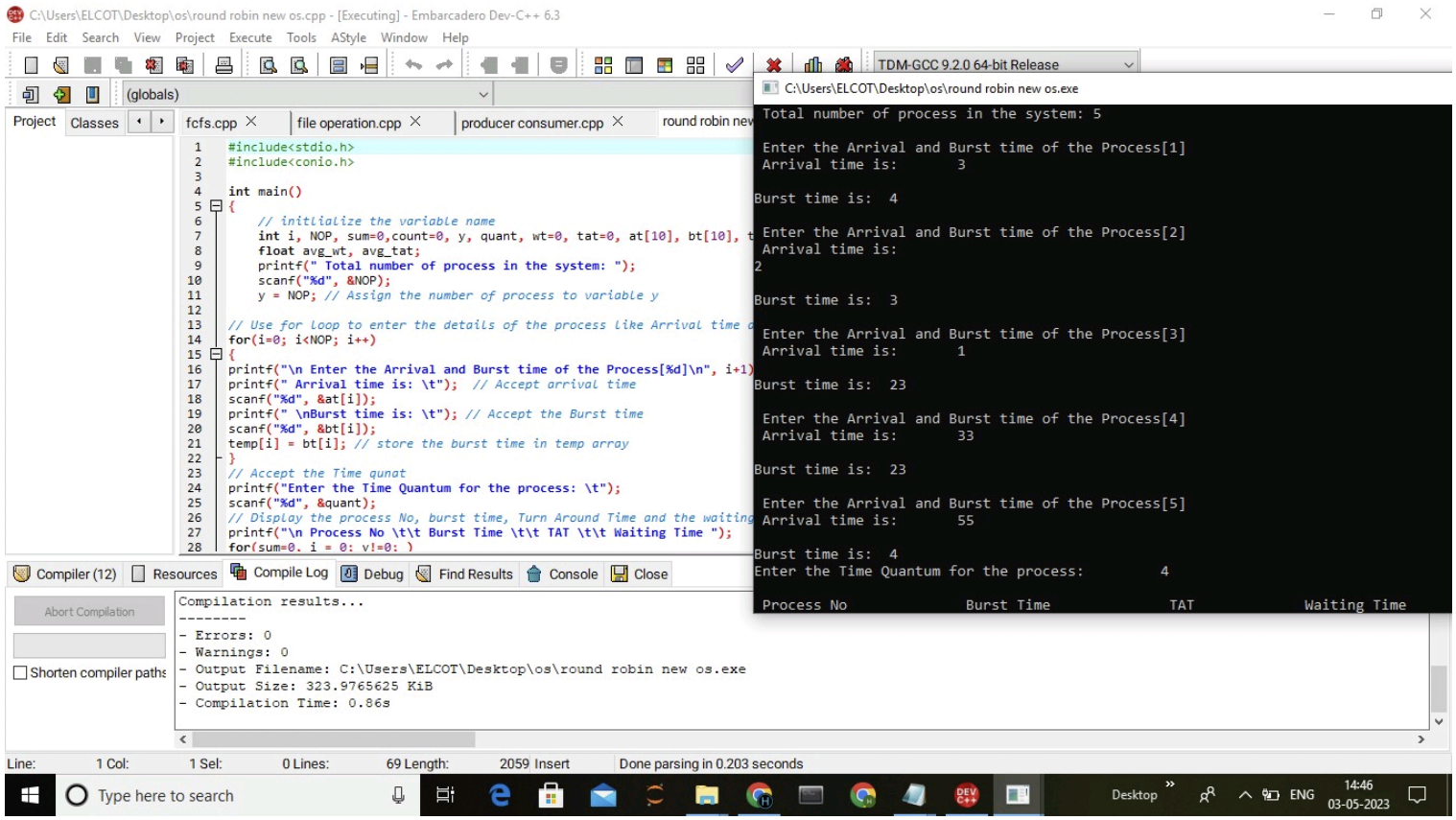
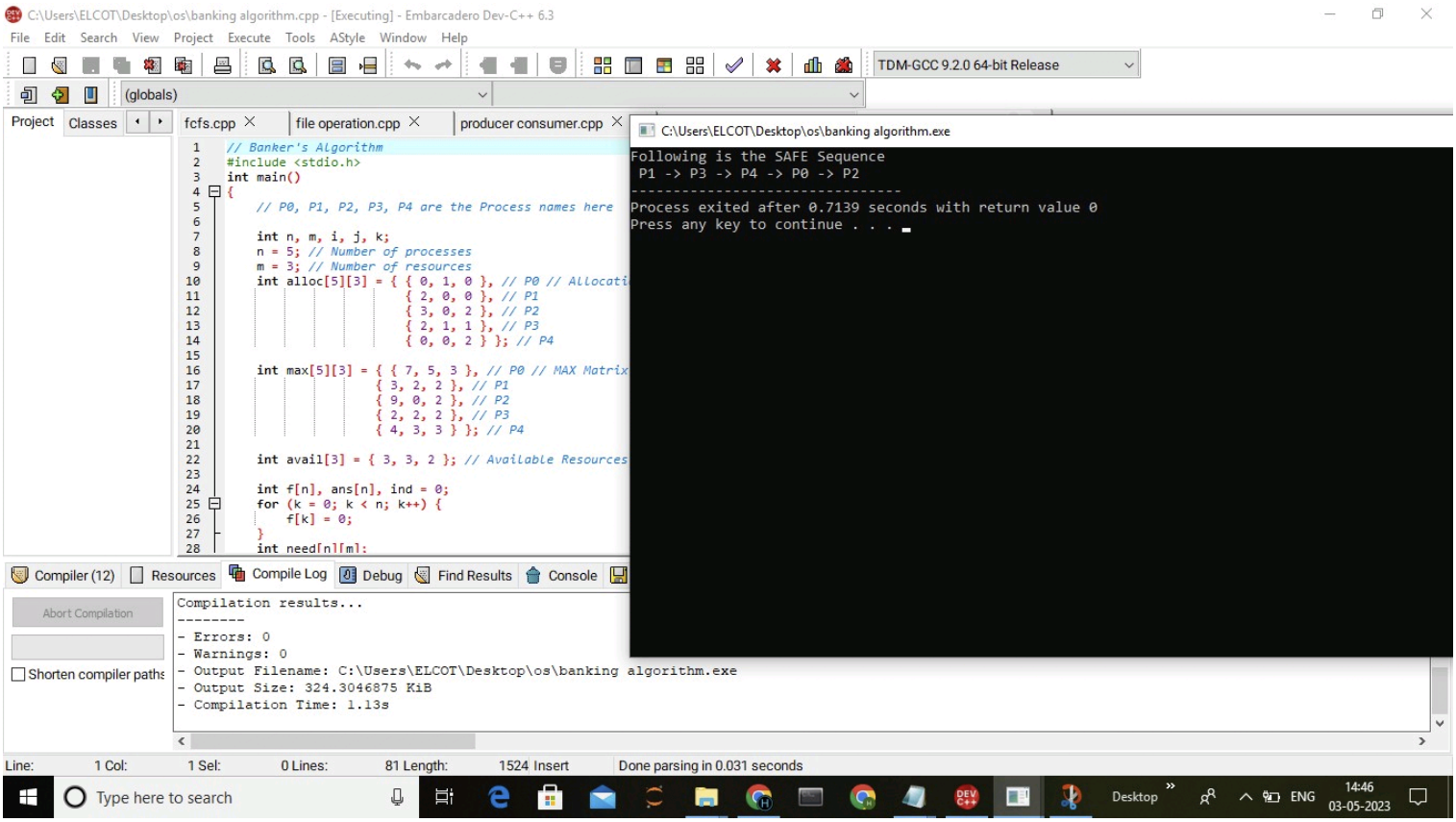

C:\Users\ELCOT\Desktop\os\file operation.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Classes
fcfs.cpp
file operation.cpp
#include<stdio.h>
#include<stdlib.h>
int main()
{
FILE *fptr1,*fptr2;
char filename[100],c;
printf("Enter the file to open for reading \n");
scanf("%s",filename);
fptr1 = fopen(filename , " r ");
if(fptr1==NULL){
printf("cannot open file %s \n",filename);
exit(0);
}
printf("Enter the filename to open for writing \n");
scanf("%s",filename);
fptr2 = fopen(filename," w ");
if(fptr2 == NULL){
printf("cannot open file %s \n",filename);
exit(0);
}
c=fgetc(fptr1);
while (c !=EOF){
fputc(c, fptr2);
c = fgetc(fptr1);
}
printf("\ncontents copied to %s",filename);
fclose(fptr1);
C:\Users\ELCOT\Desktop\os\file operation.exe
Enter the file to open for reading
u
cannot open file u
Process exited after 2.884 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ELCOT\Desktop\os\file operation.exe
- Output Size: 324.6337890625 KiB
- Compilation Time: 1.69s
Line: 1 Col: 1 Sel: 0 Lines: 32 Length: 665 Insert
Done parsing in 0.5 seconds
Type here to search
Desktop
ENG
14:30
03-05-2023


C:\Users\ELCOT\Desktop\os\producer consumer.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Classes
fcfs.cpp
file operation.cpp
sjf .nnew.cpp
priority.cpp
#include <stdio.h>
#include <stdlib.h>
int mutex = 1;
int full = 0;
int empty = 10, x = 0;
void producer()
{
--mutex;
++full;
--empty;
x++;
printf("\nProducer produces"
"item %d",
x);
++mutex;
}
void consumer()
{
--mutex;
--full;
++empty;
printf("\nConsumer consumes "
"item %d",
x);
x--;
++mutex;
}
int main()
C:\Users\ELCOT\Desktop\os\producer consumer.exe
1. Press 1 for Producer
2. Press 2 for Consumer
3. Press 3 for Exit
Enter your choice:1
Producer producesitem 1
Enter your choice:2
Consumer consumes item 1
Enter your choice:3
Process exited after 6.217 seconds with return value 0
Press any key to continue . . .
Compiler (12) Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ELCOT\Desktop\os\producer consumer.exe
- Output Size: 323.4365234375 KiB
- Compilation Time: 1.05s
Line: 1 Col: 1 Sel: 0 Lines: 64 Length: 899 Insert
Done parsing in 0.032 seconds
Type here to search
Desktop
ENG
14:44
03-05-2023


C:\Users\ELCOT\Desktop\os\round robin new os.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Classes
fcfs.cpp
file operation.cpp
producer consumer.cpp
round robin new
#include<stdio.h>
#include<conio.h>
int main()
{
// initialize the variable name
int i, NOP, sum=0,count=0, y, quant, wt=0, tat=0, at[10], bt[10],
float avg_wt, avg_tat;
printf(" Total number of process in the system: ");
scanf("%d", &NOP);
y = NOP; // Assign the number of process to variable y
// Use for loop to enter the details of the process like Arrival time
for(i=0; i<NOP; i++)
{
printf("\n Enter the Arrival and Burst time of the Process[%d]\n", i+1)
printf(" Arrival time is: \t"); // Accept arrival time
scanf("%d", &at[i]);
printf(" \nBurst time is: \t"); // Accept the Burst time
scanf("%d", &bt[i]);
temp[i] = bt[i]; // store the burst time in temp array
}
// Accept the Time qunat
printf("Enter the Time Quantum for the process: \t");
scanf("%d", &quant);
// Display the process No, burst time, Turn Around Time and the waiting
printf("\n Process No \t\t Burst Time \t\t TAT \t\t Waiting Time ");
for(sum=0, i = 0; y!=0;)
Compiler (12) Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler paths
Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ELCOT\Desktop\os\round robin new os.exe
- Output Size: 323.9765625 KiB
- Compilation Time: 0.86s
Line: 1 Col: 1 Sel: 0 Lines: 69 Length: 2059 Insert Done parsing in 0.203 seconds
C:\Users\ELCOT\Desktop\os\round robin new os.exe
Total number of process in the system: 5
Enter the Arrival and Burst time of the Process[1]
Arrival time is: 3
Burst time is: 4
Enter the Arrival and Burst time of the Process[2]
Arrival time is:
2
Burst time is: 3
Enter the Arrival and Burst time of the Process[3]
Arrival time is: 1
Burst time is: 23
Enter the Arrival and Burst time of the Process[4]
Arrival time is: 33
Burst time is: 23
Enter the Arrival and Burst time of the Process[5]
Arrival time is: 55
Burst time is: 4
Enter the Time Quantum for the process: 4
Process No Burst Time TAT Waiting Time
Type here to search
Desktop
ENG
14:46
03-05-2023


C:\Users\ELCOT\Desktop\os\banking algorithm.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Classes
fcfs.cpp
file operation.cpp
producer consumer.cpp
// Banker's Algorithm
#include <stdio.h>
int main()
{
// P0, P1, P2, P3, P4 are the Process names here
int n, m, i, j, k;
n = 5; // Number of processes
m = 3; // Number of resources
int alloc[5][3] = { { 0, 1, 0 }, // P0 // Allocati
{ 2, 0, 0 }, // P1
{ 3, 0, 2 }, // P2
{ 2, 1, 1 }, // P3
{ 0, 0, 2 } }; // P4
int max[5][3] = { { 7, 5, 3 }, // P0 // MAX Matrix
{ 3, 2, 2 }, // P1
{ 9, 0, 2 }, // P2
{ 2, 2, 2 }, // P3
{ 4, 3, 3 } }; // P4
int avail[3] = { 3, 3, 2 }; // Available Resources
int f[n], ans[n], ind = 0;
for (k = 0; k < n; k++) {
f[k] = 0;
}
int need[n][m];
C:\Users\ELCOT\Desktop\os\banking algorithm.exe
Following is the SAFE Sequence
P1 -> P3 -> P4 -> P0 -> P2
Process exited after 0.7139 seconds with return value 0
Press any key to continue . . .
Compiler (12) Resources Compile Log Debug Find Results Console
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ELCOT\Desktop\os\banking algorithm.exe
- Output Size: 324.3046875 KiB
- Compilation Time: 1.13s
Line: 1 Col: 1 Sel: 0 Lines: 81 Length: 1524 Insert Done parsing in 0.031 seconds
Type here to search
Desktop
ENG
14:46
03-05-2023