LAB 1

NAME : محمد عبدالسلام عبدالمطلب

ID : 18011535

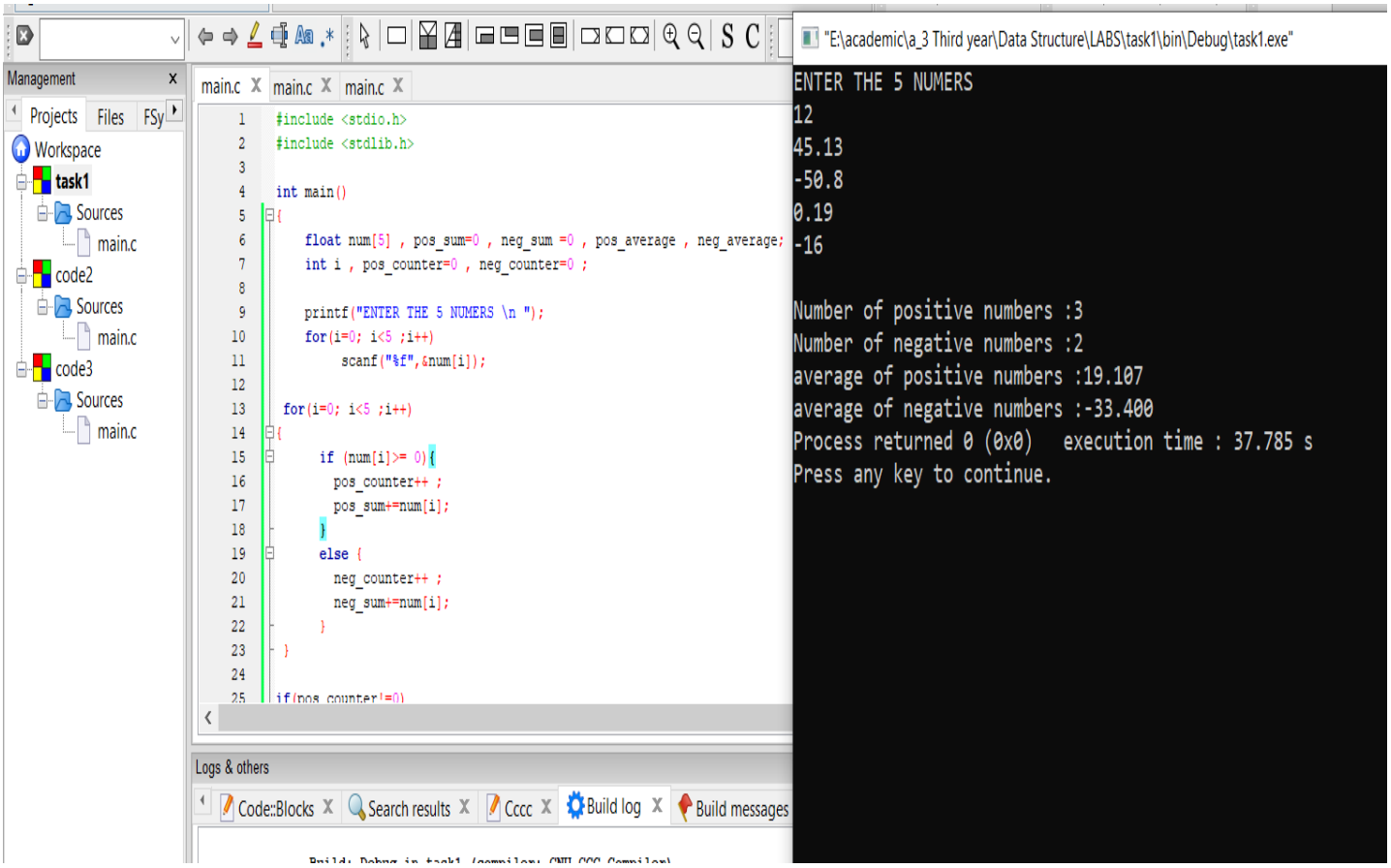
COMMUNCATION DEPARTMENT

(3RD YEAR)

Code 1:

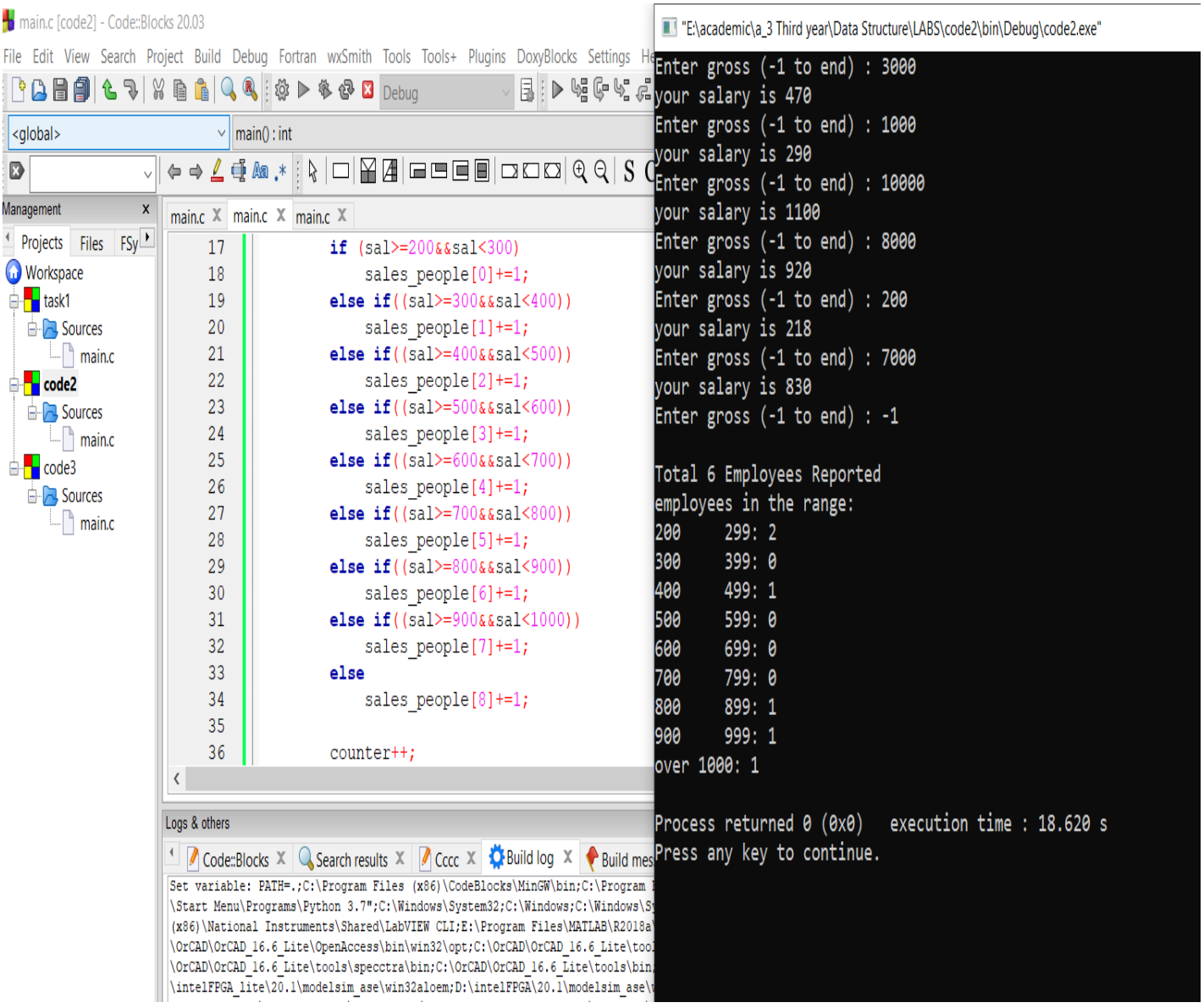
1- If user Enter all positive or all negative average will be printed zero

2- I use two variables neg_sum and pos_sum to calculate the average by avr = sum/num



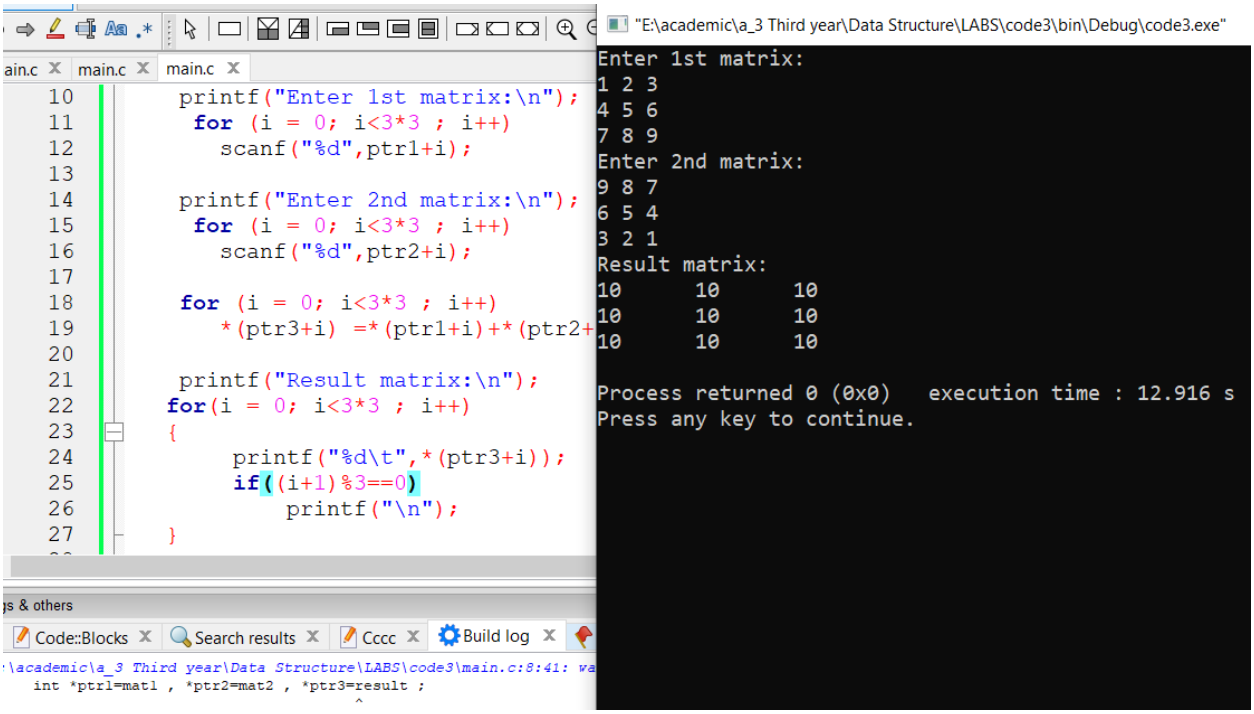
Code 2:

1- I use a fixed array sales_people to count salary in range.
2- I will take any number until -1.



Code 3:

I use pointer only.



```
ain.c | main.c | main.c

10    printf("Enter 1st matrix:\n");
11     for (i = 0; i<3*3 ; i++)
12       scanf("%d",ptr1+i);
13
14    printf("Enter 2nd matrix:\n");
15     for (i = 0; i<3*3 ; i++)
16       scanf("%d",ptr2+i);
17
18    for (i = 0; i<3*3 ; i++)
19       *(ptr3+i) =*(ptr1+i)+*(ptr2+
20
21    printf("Result matrix:\n");
22   for(i = 0; i<3*3 ; i++)
23   {
24        printf("%d\t",*(ptr3+i));
25        if((i+1)%3==0)
26            printf("\n");
27   }

js & others
Code::Blocks | Search results | Cccc | Build log

\academic\a_3 Third year\Data Structure\LABS\code3\main.c:8:41: wa
   int *ptr1=mat1 , *ptr2=mat2 , *ptr3=result ;
                                       ^
```

```
"E:\academic\a_3 Third year\Data Structure\LABS\code3\bin\Debug\code3.exe"
Enter 1st matrix:
1 2 3
4 5 6
7 8 9
Enter 2nd matrix:
9 8 7
6 5 4
3 2 1
Result matrix:
10      10      10
10      10      10
10      10      10

Process returned 0 (0x0)   execution time : 12.916 s
Press any key to continue.
```