

Execute | Beautify | Share | Source Code | Help | Login x

```
1  /* Online C Compiler and Editor */
2  #include <stdio.h>
3  int main()
4  {
5      int num1, num2;
6      int sum, sub, mult, mod;
7      float div;
8
9      printf("Enter two numbers: ");
10     scanf("%d%d", &num1, &num2);
11
12     sum = num1 + num2;
13     sub = num1 - num2;
14     mult = num1 * num2;
15     div = (float)num1 / num2;
16     mod = num1 % num2;
17
18     printf("SUM = %d\n", sum);
19     printf("DIFFERENCE = %d\n", sub);
20     printf("PRODUCT = %d\n", mult);
21     printf("QUOTIENT = %f\n", div);
22     printf("MODULUS = %d", mod);
23     return 0;
24 }
```

Terminal

```
Enter two numbers: 5 3
SUM = 8
DIFFERENCE = 2
PRODUCT = 15
QUOTIENT = 1.666667
MODULUS = 2
```

```
Execute | Beautify | Share | Source Code | Help | Login x

1  /* Online C Compiler and Editor */
2  #include <stdio.h>
3  int main()
4  {
5      float length, width, perimeter;
6
7      printf("Enter length and width of the rectangle: ");
8      scanf("%f%f", &length, &width);
9
10     perimeter = 2 * (length + width);
11
12     printf("Perimeter of rectangle = %f units ", perimeter);
13     return 0;
14 }
15
```

```
Terminal

Enter length and width of the rectangle: 10 7
Perimeter of rectangle = 34.000000 units
```

Execute | Beautify | Share | Source Code | Help | Login x

Terminal

```
1  /* Online C Compiler and Editor */
2  #include <stdio.h>
3
4  int main()
5  {
6      float length, width, area;
7
8      printf("Enter length and width of rectangle: ");
9      scanf("%f%f", &length, &width);
10
11      area = length * width;
12
13      printf("Area of rectangle =%f ", area);
14      return 0;
15  }
```

```
Enter length and width of rectangle: 13 7
Area of rectangle =91.000000
```

```

1  /* Online C Compiler and Editor */
2  #include <stdio.h>

int main()
{
    float radius, diameter, circumference, area;

    printf("Enter radius of circle: ");
    scanf("%f", &radius);

    diameter = 2 * radius;
    circumference = 2 * 3.14 * radius;
    area = 3.14 * (radius * radius);

    printf("Diameter of circle = %f \n", diameter);
    printf("Circumference of circle = %f \n", circumference);
    printf("Area of circle = %f ", area);
    return 0;
}

```

```

Enter radius of circle: 7
Diameter of circle = 14.000000
Circumference of circle = 43.959999
Area of circle = 153.860001 |

```

```

1  /* Online C Compiler and Editor */
2  #include <stdio.h>
3
4  int main()
5  {
6      float centimeter, meter, kilometer;
7
8      printf("Enter length in centimeter: ");
9      scanf("%f", &centimeter);
10
11     meter = centimeter / 100.0;
12     kilometer = centimeter / 100000.0;
13
14     printf("Length in Meter = %f \n", meter);
15     printf("Length in Kilometer = %f", kilometer);
16     return 0;
17 }
18

```

```

Enter length in centimeter: 180
Length in Meter = 1.800000
Length in Kilometer = 0.001800

```

```
1  /* Online C Compiler and Editor */
2  #include <stdio.h>
3
4  int main()
5  {
6      float celsius, fahrenheit;
7
8      printf("Enter temperature in Celsius: ");
9      scanf("%f", &celsius);
10
11     fahrenheit = (celsius * 9 / 5) + 32;
12
13     printf("temperature in Fahrenheit = %f ", fahrenheit);
14     return 0;
15 }
16
```

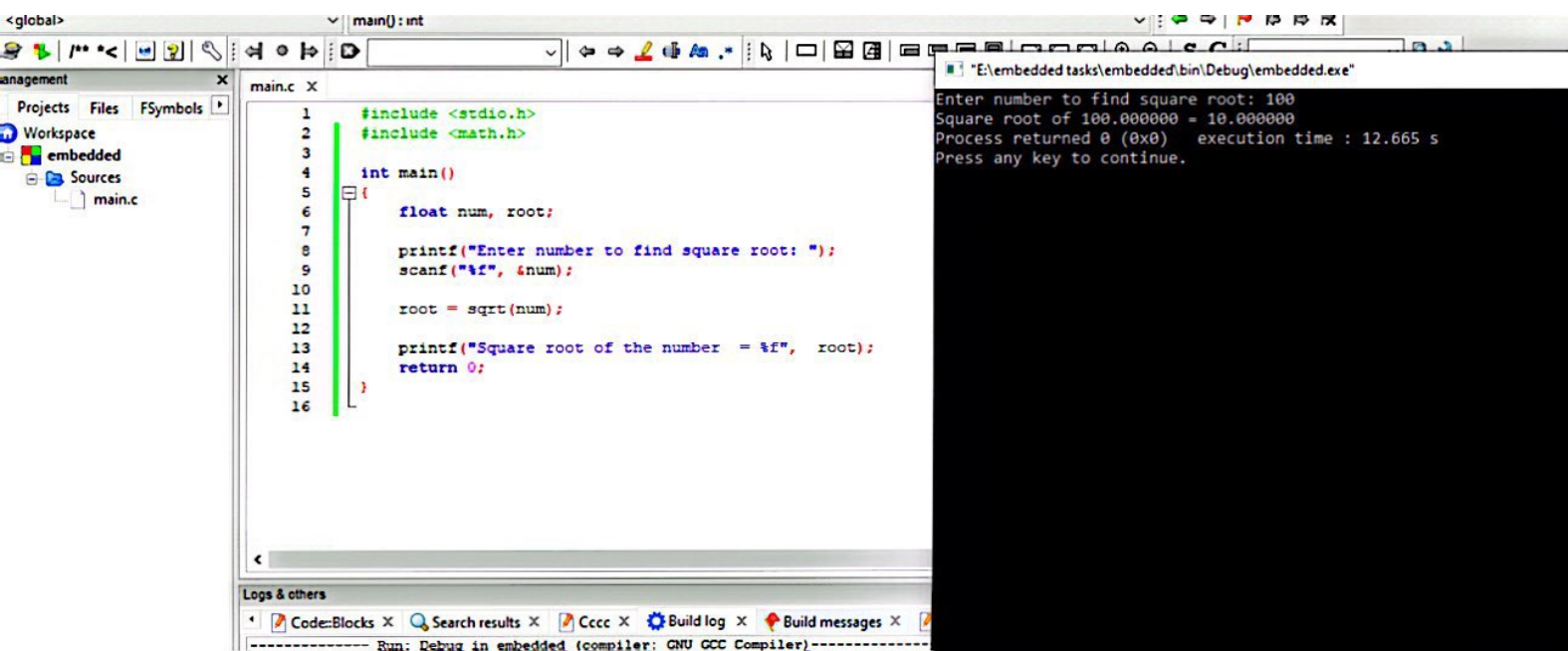
```
Enter temperature in Celsius: 37
temperature in Fahrenheit = 98.599998 |
```

Execute | Beautify | Share | Source Code | Help | Login x

```
1  /* Online C Compiler and Editor */
2  #include <stdio.h>
3
4  int main()
5  {
6      int days, years, weeks;
7
8      printf("Enter days: ");
9      scanf("%d", &days);
10
11     years = (days / 365);
12     weeks = ( days/ 7 );
13
14     printf("YEARS: %d\n", years);
15     printf("WEEKS: %d\n", weeks);
16
17     return 0;
18
19 }
20
```

Terminal

```
Enter days: 731
YEARS: 2
WEEKS: 104
|
```



The image shows a C code editor window with a file named `main.c`. The code calculates the total, average, and percentage marks for five subjects. The execution output window shows the program running with input marks of 100, 99, 89, 98, and 95, resulting in a total of 481, an average of 96.199997, and a percentage of 96.199997. The logs at the bottom show the compiler used is GNU GCC Compiler.

```
13 printf("Square root of the number = %f", root);
14 return 0;
15 } */
16
17 int main()
18 {
19     float fre, phy, chem, math, eng;
20     float total, average, percentage;
21
22     printf("Enter marks of five subjects: \n");
23     scanf("%f%f%f%f%f", &fre, &phy, &chem, &math, &eng);
24
25     total = fre + phy + chem + math + eng;
26     average = total / 5.0;
27     percentage = (total / 500.0) * 100;
28
29     printf("Total marks = %f\n", total);
30     printf("Average marks = %f\n", average);
31     printf("Percentage = %f", percentage);
32
33     return 0;
34 }
35
```

Execution Output:

```
Enter marks of five subjects:
100 99 89 98 95
Total marks = 481.000000
Average marks = 96.199997
Percentage = 96.199997
Process returned 0 (0x0)   execution time : 27.419 s
Press any key to continue.
```

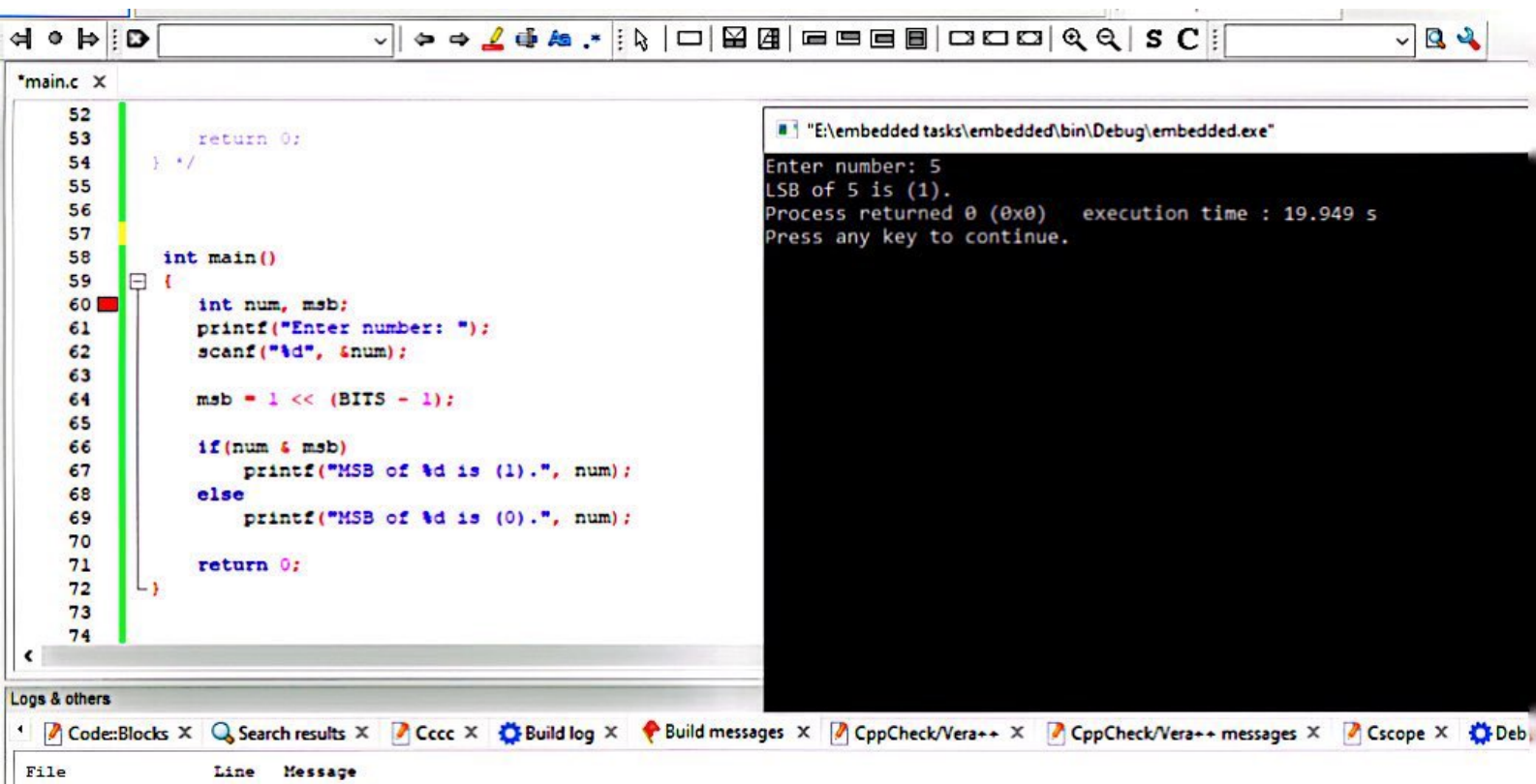
Logs & others

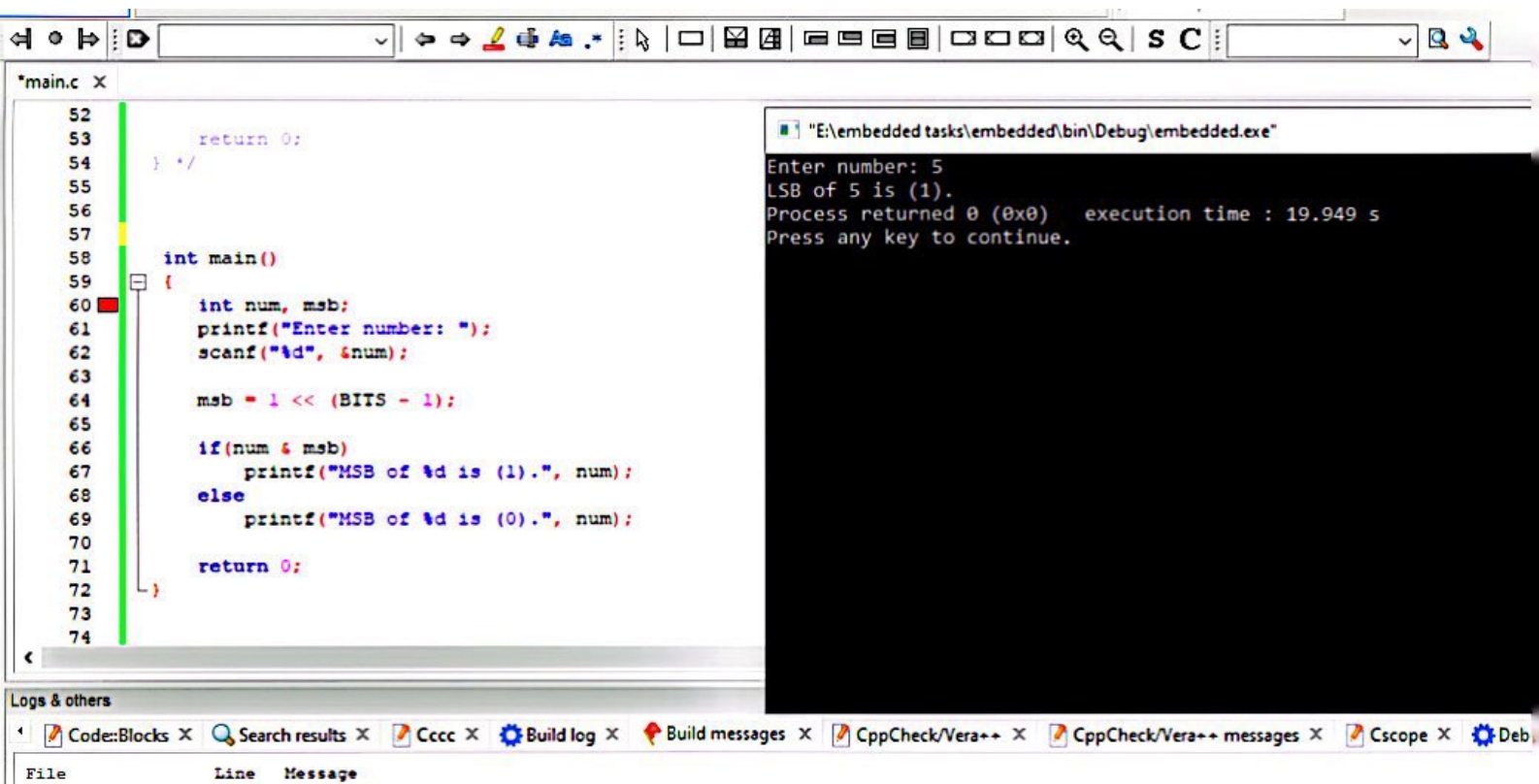
```
Code::Blocks X Search results X Cccc X Build log X Build messages X Cpp
----- Run: Debug in embedded (compiler: GNU GCC Compiler)-----
Checking for existence: E:\embedded tasks\embedded\bin\Debug\embedded.exe
Set variable: PATH=.;E:\CodeBlocks\MinGW\bin;E:\CodeBlocks\MinGW\bin;C:\Windows\System32;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerSh
\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files\Git\cmd;C:\Program Files\Common Files\Autodesk Shared;C:\Program Files\Microsoft SQL Server\120\Tools\Bi
\Users\C-LAB\AppData\Local\Programs\Python\Python311\Scripts;C:\Users\C-LAB\AppData\Local\Programs\Python\Python311;C:\Users\C-LAB\AppData\Local\Microsoft
\WindowsApps;C:\Users\C-LAB\AppData\Local\Programs\Microsoft VS Code\bin;C:\questasim_10.0b\win32;C:\src\flutter\bin
```

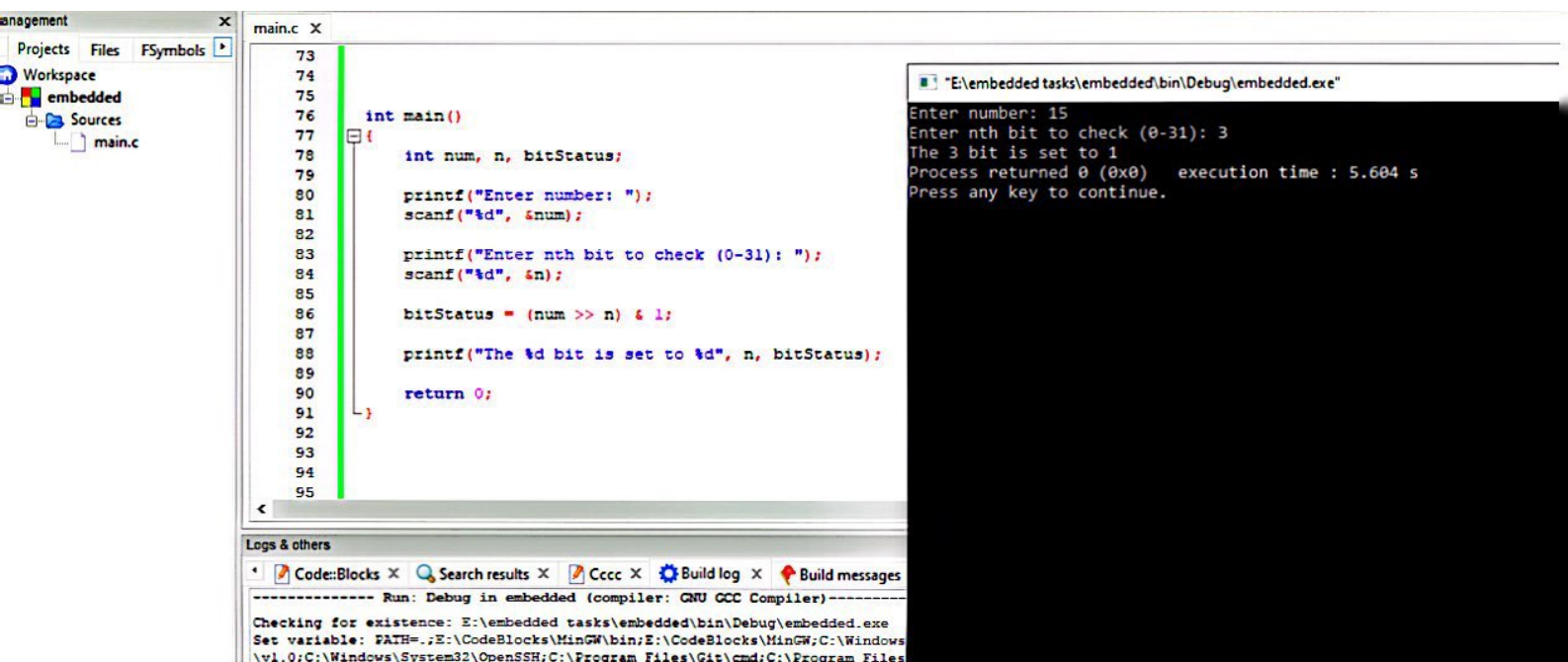
The image shows a screenshot of a development environment. On the left, a file explorer shows a project structure with folders like 'workspace', 'embedded', and 'Sources', and a file named 'main.c'. The main editor window displays the code for 'main.c' with line numbers 33 to 55. The code is as follows:

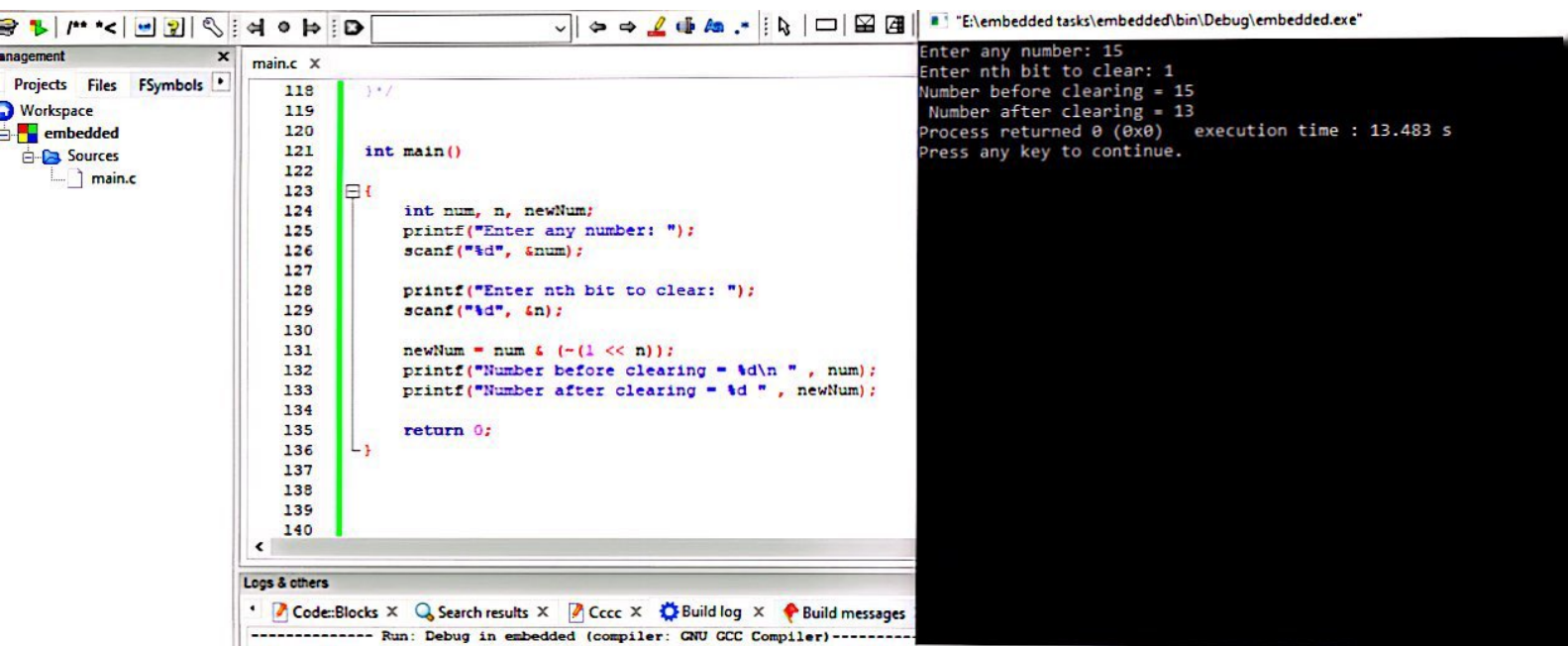
```
33
34     return 0;
35 }
36
37 int main()
38 {
39     int num;
40
41     printf("Enter number: ");
42     scanf("%d", &num);
43
44     if(num & 1)
45         printf("LSB of %d is (1).", num);
46     else
47         printf("LSB of %d is (0).", num);
48
49     return 0;
50 }
51
52
53
54
55
```

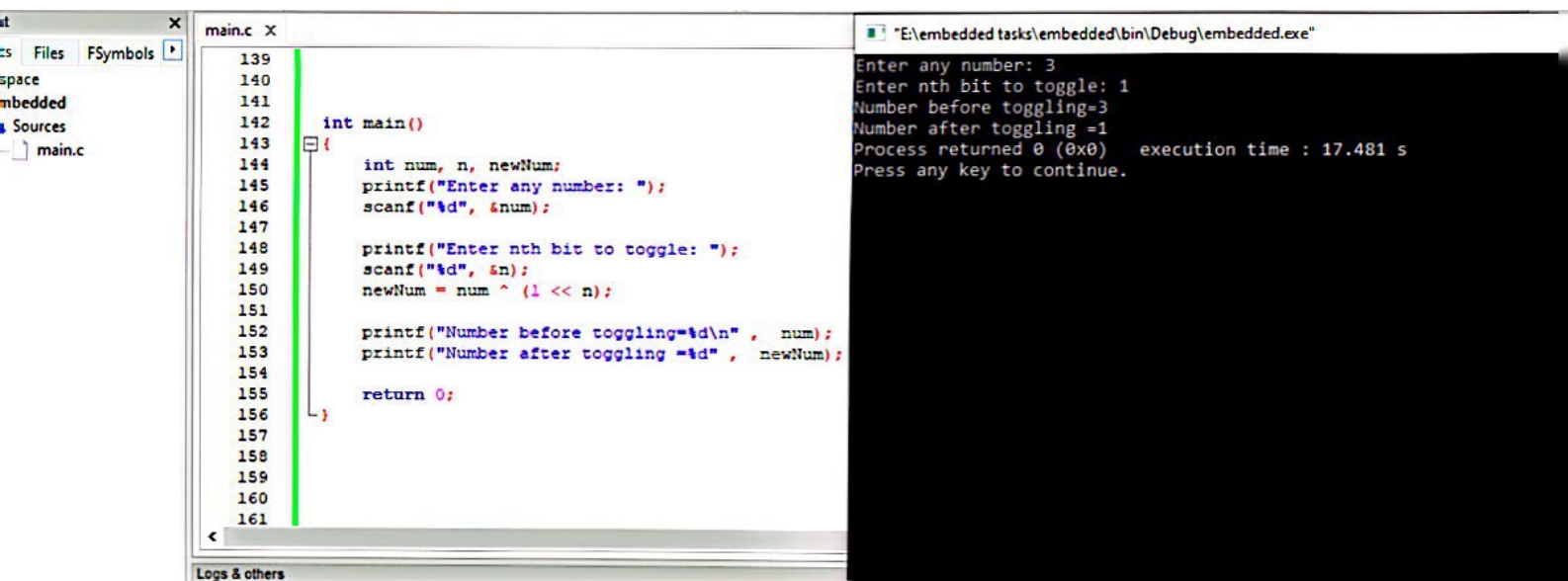
On the right, a console window titled '"E:\embedded tasks\embedded\bin\Debug\embedded.exe"' shows the program's execution. It displays the prompt 'Enter number: 3', the output 'LSB of 3 is (1).', and status information: 'Process returned 0 (0x0) execution time : 14.718 s' and 'Press any key to continue.'.











```
main.c x
154
155     return 0;
156 }
157
158
159 int main()
160 {
161     int num, flippedNumber;
162
163     printf("Enter any number: ");
164     scanf("%d", &num);
165
166     flippedNumber = ~num;
167     printf("Number after bits are flipped = %d ", flippedNumber);
168
169     return 0;
170 }
171
172
173
174
175
176
```

```
"E:\embedded tasks\embedded\bin\Debug\embedded.exe"
Enter any number: 4
Number after bits are flipped = -5
Process returned 0 (0x0)   execution time : 12.321 s
Press any key to continue.
```

```
Logs & others
Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Ver
----- Run: Debug in embedded (compiler: GNU GCC Compiler)-----
Checking for existence: E:\embedded tasks\embedded\bin\Debug\embedded.exe
Set variable: PATH=.;E:\CodeBlocks\MinGW\bin;E:\CodeBlocks\MinGW;C:\Windows\System32;C:\Wind
\vl.0;C:\Windows\System32\OpenSSH;C:\Program Files\Git\cmd;C:\Program Files\Common Files\Autodesk Shared;C:\Program Files\Microsoft SQL Server\120\Tools\
\Users\C-LAB\AppData\Local\Programs\Python\Python311\Scripts;C:\Users\C-LAB\AppData\Local\Programs\Python\Python311;C:\Users\C-LAB\AppData\Local\Microsof
\WindowsApps;C:\Users\C-LAB\AppData\Local\Programs\Microsoft VS Code\bin;C:\questasim_10.0b\win32;C:\src\flutter\bin
Executing: "E:\CodeBlocks\cb console runner.exe" "E:\embedded tasks\embedded\bin\Debug\embedded.exe" (in E:\embedded tasks\embedded\.)
```