

The image shows a screenshot of a debugger window. The top toolbar includes icons for navigation and search. Below the toolbar, a window titled 'main.c X' displays the source code of a C program. The code defines several variables: 'integerVar' (100), 'floatingVar' (331.790009), 'doubleVar' (8.440000e+011), 'charVar' ('W'), and 'boolVar' (0). The program has completed execution, returning 0 (0x0) with an execution time of 0.016 s. The prompt 'Press any key to continue.' is visible at the bottom of the console window.

```
main(void) : int  
integerVar = 100  
floatingVar = 331.790009  
doubleVar = 8.440000e+011  
doubleVar = 8.44e+011  
charVar = W  
boolVar = 0  
  
Process returned 0 (0x0)   execution time : 0.016 s  
Press any key to continue.  
-
```

**3.1**

**6813013**

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

main(void) : int

D:\6813124\Pisut6813013\bin\Debug\Pisut6813013.exe

```
a - b = 98
b * c = 50
a / c = 4
a + b * c = 150
a * b + c * d = 300

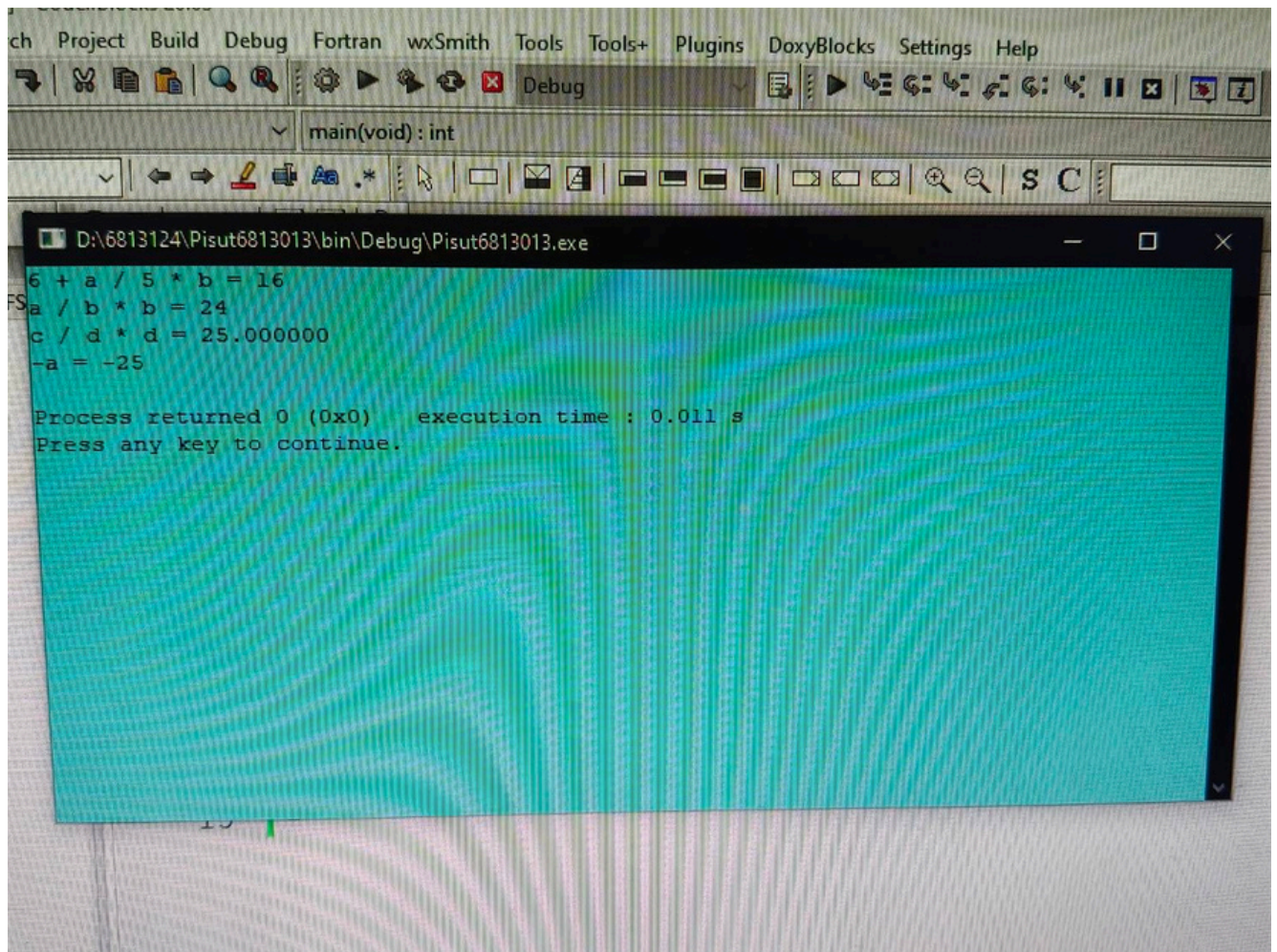
Process returned 0 (0x0)   execution time : 0.010 s
Press any key to continue.
```

```
15 printf ("a / c = %i\n", result);
16 result = a + b * c; // precedence
17 printf ("a + b * c = %i\n", result);
18 printf ("a * b + c * d = %i\n", a * b + c * d);
19 return 0;
```

**3.2**

**6813013**





**3.3**

**6813013**

```
main.c [Pisut6813013] - Code::Blocks 20.03
D:\6813124\Pisut6813013\bin\Debug\Pisut6813013.exe
a = 25, b = 5, c = 10, and d = 7
a % b = 0
a % c = 5
a % d = 4
a / d * d + a % d = 25
Process returned 0 (0x0)   execution time : 0.008 s
Press any key to continue.
```

```
11  printf ("a / d * d + a %% d = %i\n",
12          a / d * d + a % d);
13  return 0;
14  }
```

**3.4**

**6813013**



The screenshot shows a debugger window titled "D:\6813124\Pisut6813013\bin\Debug\Pisut6813013.exe". The output window displays the following text:

```
123.125000 assigned to an int produces 123
-150 assigned to a float produces -150.000000
-150 divided by 100 produces -1.000000
-150 divided by 100.0 produces -1.500000
(float) -150 divided by 100 produces -1.500000

Process returned 0 (0x0)   execution time : 0.008 s
Press any key to continue.
```

The source code window shows the following code:

```
17 printf("(float) %i divided by 100 produces %f\n",
18 return 0;
19 }
```

**3.5**

**6813013**