

## Eraa Soft .Net 526 Diploma

### Lec2 Search Task

#### 1. why the output of this Equation = \$30.00?

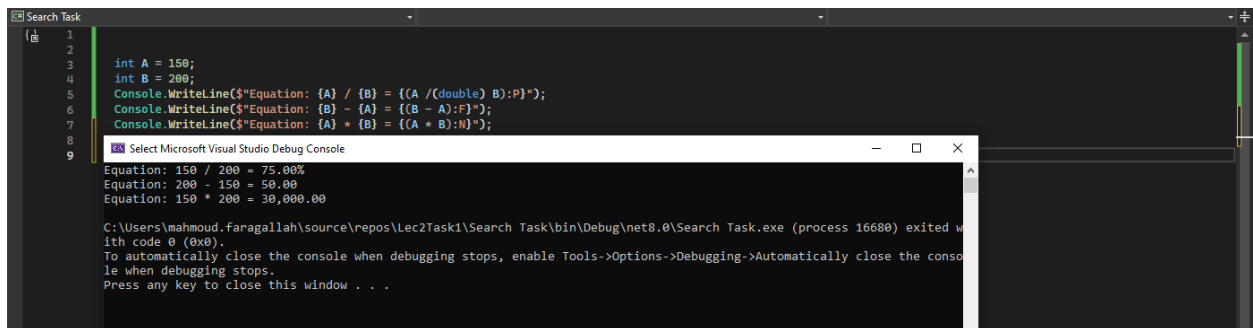
Because we used :C → formats the number as Currency So {30:C} becomes: \$30.00

Also it depends on Computer Culture may be £30.00 , €30.00 or E£30.00

#### 2. what is its benefit?

- Fast and Easy Formatting
- Consistent and Professional Output>>All formatting follows international standards.
- Uses the computer's culture settings
- Built-in Error-Free Rounding
- Reduces bugs and errors
- Cleaner, shorter, and easier-to-read code

#### 3. try another example with a different specifier with a screenshot of the output.



The screenshot shows a Visual Studio Code window with a C# file named 'Search Task'. The code defines two integers, A = 150 and B = 200, and uses Console.WriteLine to display three equations with different formatting specifiers: {A} / {B} = {(A / (double) B):P} (result: 75.00%), {(B - A):F} (result: 50.00), and {(A \* B):N} (result: 30,000.00). A debug console window is open, showing the output of these equations. The output for the third equation is 'Equation: 150 \* 200 = 30,000.00'. The console window also shows a message from the debugger: 'C:\Users\mahmoud.faragallah\source\repos\Lec2Task1\Search Task\bin\Debug\net8.0\Search Task.exe (process 16680) exited with code 0 (0x0). To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops. Press any key to close this window . . .'

```
1 int A = 150;
2 int B = 200;
3
4 Console.WriteLine($"Equation: {A} / {B} = {(A / (double) B):P}");
5 Console.WriteLine($"Equation: {B} - {A} = {(B - A):F}");
6 Console.WriteLine($"Equation: {A} * {B} = {(A * B):N}");
7
8
9
```

Equation: 150 / 200 = 75.00%
Equation: 200 - 150 = 50.00
Equation: 150 \* 200 = 30,000.00

C:\Users\mahmoud.faragallah\source\repos\Lec2Task1\Search Task\bin\Debug\net8.0\Search Task.exe (process 16680) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
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By

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