

- The output shows a dollar sign because the :C format specifier converts the number into a currency format. The currency symbol depends on my computer's regional settings, so in my case it shows \$. Currency formatting also adds two decimal places by default, which is why the result becomes 30.00. I can also control the number of decimal places by writing something like C1 or C2.
- The benefit of the C specifier is that it automatically formats numbers as currency. It also uses the correct currency symbol and decimal format based on the computer's regional settings.
- I used the N specifier; it formats the number with thousand separators and decimal places. The B specifier; it is used to format integral values in binary.

The screenshot shows the Microsoft Visual Studio IDE interface. The top menu bar includes File, Edit, View, Git, Project, Build, Debug, Test, Analyze, Tools, Extensions, Window, Help, and Search. The GitHub Copilot icon is visible in the top right. The Solution Explorer on the right shows a project named 'Task1' with files 'Dependencies' and 'Program.cs'. The 'Program.cs' file contains the following code:

```

31 int X = 10;
32 int Y = 20;
33 Console.WriteLine($"Equation: {X} + {Y} = {X + Y:C}");
34 Console.WriteLine($"Equation: {X} + {Y} = {X + Y:N}");
35 Console.WriteLine($"Equation: {X} + {Y} = {X + Y:B}");
36
37
38
39
40

```

The Output window at the bottom shows the build log and the console output:

```

120 % 120 %
Output
Show output from: Build
Build started at 11:11
1>----- Build started: Project: Task1, Configuration: Debug Any CPU -----
1>Skipping analyzers
1>Task1 -> C:\Users\Mat\source\repos\Task1\Task1\bin\Debug\net9.0\Task1.exe
***** Build: 1 succeeded, 0 failed, 0 skipped
Build succeeded

```

The Microsoft Visual Studio Debug Console window displays the following output:

```

Equation: 10 + 20 = $30.00
Equation: 10 + 20 = 30.00
Equation: 10 + 20 = 11110

```

The status bar at the bottom right indicates "Activate Windows" and provides links to "Go to Settings to activate Windows.", "Solution Explorer", "Git Changes", and "Team Explorer".