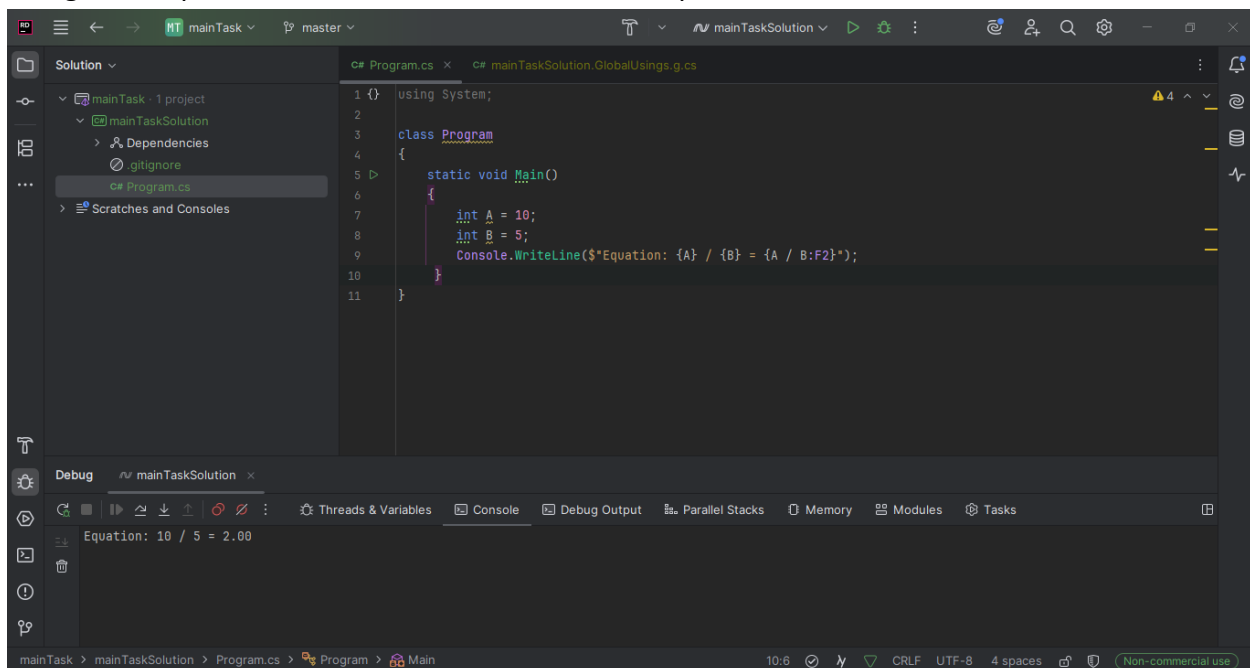## 1. Why is the output of this Equation = $30.00?

The :C format specifier in C# converts the sum of X and Y into currency format, adding the currency symbol (e.g., $) and rounding to two decimal places. So, 10 + 20 becomes $30.00.

2. What is its benefit?

The :C specifier makes the output professional and consistent, automatically including the currency symbol and decimal places. It adapts to the local currency format based on system settings.

3. Example with a different specifier:

Using the :F specifier to format a number as a fixed-point number:

Output:

The :F2 specifier ensures that the result is displayed with exactly two decimal places.