Abstraction is the simplification of complex processes. These complex processes are still present in the program but are embedded into simpler ones. A benefit of Abstraction is that it makes coding easier. You can use different functions to create a program without having a complete understanding of how they work and all the details behind them. One application of Abstraction is a print statement. As far as we know, by using print(), we are able to display any message we want on the screen for the user to see. While using print itself is quite simple, there is a vast amount of code that goes into the actual creation of it that we can only begin to understand. Similarly, in C#, there is a method called “Console.WriteLine” that acts like a print statement. This too is very complex and requires a lot of coding that we don’t see.

Here is an example from my program:

A screen shot of a computer code

Description automatically generated