1. Using only your own words,  how would you differentiate between the following: using a computer program and programming a computer. Be thorough and detailed.

I would differentiate the two in simplest terms. Using a computer is like a high-level overview of what the computer is capable of. Without even knowing how the computer gets power, end users are given the tools to create whatever comes to their mind.

This is a powerful concept, whereas, programming a computer is understanding how those tools are made for the end users. It is the practice of understating a concept that can be expanded into multiple avenues. From medical to industrial fields computer programming can and does provide the tools needed for the world to work.

1. Give at least three benefits of using C++ over machine code. Explain in detail why these are benefits. Cite your sources  
     
   One major benefit of using C++ over machine code is complexity. For most people, I would say almost anyone, machine code is hard to understand in a reasonable amount of time. Using a programming language like C++ is easier to understand as it is closer to human speech than machine.  
     
   Another benefit is being able to implement a programming model such as OOP (Object Orientated Programming) or Functional Programming. These data structures allow use to scale seemingly simple instructions into massive functioning programs.  
     
   The last benefit I can think of is simplicity for manipulation. C++ allows the programmer to manipulate data and memory easier than that of machine code.  
     
    Citations

Advantages and disadvantages of C++: Make your next move! DataFlair. (2020, February 3). Retrieved May 20, 2022, from <https://data-flair.training/blogs/advantages-and-disadvantages-of-cpp/>

1. The output would be:  
   6 \* 7 = 42
2. The output would be:  
    HelloWorld
3. I want to learn C++ to expand my programming knowledge. I know a few now but have learned that each language has its strengths and weaknesses. By learning the language it has expanded my knowledge on complicated issues surrounding these languages.