Progress Report 2

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Subsystem: Coding

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Reporting Progress from 7/12/2020 to 13/12/2020

Progress in C/C++

1. Tried to gain in-depth knowledge of pointer to a pointer
2. Constructors
3. Function overriding
4. Function overloading
5. Basic Polymorphism
6. Trees
    - Representation of Binary Trees
    - Traversal
        - Preorder Traversal
        - Postorder Traversal
        - Inorder Traversal

Progress in Arduino(IDE)

1. Installed the Arduino IDE and ran the Blink code
2. I installed the Arduino extension on VSCode because I'm accustomed to VSCode.

Progress in Arduino(Hardware)

1. I bought an Arduino Due and other components like jumper cables, resistors, etc
2. Uploaded the fading LED code on the Arduino and ran it.
3. Learned about Pulse Width Modulation
4. Learned about the breadboard

5. Learned about analogWrite function.
6. Learned about Tinkedcad and used it to build few circuits

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1. Pointer to a Pointer was a difficult topic. I still don't fully understand it, but I know enough about it to use it.
2. I used a LED in a circuit without resistance, so it went Kaboom(not literally, but it's not working).