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Business English I

The best thing I've so far at South Hills is programming, in the Course Introduction to Programming and Logic. This course has introduced me to a new way of thinking about logic and a better understanding of how programs work. It has helped me learn new coding languages and helped me realize that programming wasn't as difficult as I had once thought. This has inspired me to go above and beyond and not only taught me the basics of C#, but also the fundamentals of Objective-C and Swift. Because of this revelation, I am now a registered Apple developer and have my very first app, which is available to download in the App Store.

Before I started school, I was afraid of programming. I've looked at source code in the past, and honestly, it confused me. In the intro to programming and logic course, I've learned the basics and it has helped me realize that programming is all about logic. We learned how to structure our logic using pseudocode and flowcharts. Pseudocode is usually written out in a text editor, while flowcharts are a visual representation of the same structure.

Coding languages vary, but they all come back to logic. If something is true, do this, otherwise, do something else. While a condition is false, loop this section and keeps asking for an input. It's a sequence of steps that tell the computer to do things. This can be converted into many languages such as C#, Objective-C, and Swift.

Using the knowledge from this course, I decided to challenge myself. By using the same logic behind a C# Console Application, I took a program we did as an assignment, "Guess a Number", and converted it into an iPhone app. This app is publicly available in the App Store.