What did we learn in our specialty Software Development, in this First Trimester?

Maybe this is a question in which we don´t think much or maybe nothing. But back to the first day of highschool to this day we can mention a great variety of knowledges gained in our specialty, for example, discover several Tips for some of the Office programs like Word, Power Point and Excel, we learned how to use Access , Study a few of Batch, we created flowcharts with a program and also by hand, we also study a programming language which is C, we develop the logic with each of the exercises done in C and in the flowcharts and Last thing we are working on is learning about JavaScript and practicing with SublimeText or Notepad ++.

On the first day of school we made computers with creative ideas using recyclable materials. We created computers which could be different and innovative. In our first days in the the specialty we learn Tips on Microsoft Word like how to make formal letters, how to make Table of Contents correctly and Watermarks among others. Then we learned how to perform operations in Office Excel, tables and graphs. In Power Point we learned how to make a formal presentation to expose, we also made a game using hyperlinks that are used to navigate interactively in the presentation. We discover how to use Office Access and create a great variety of databases learning from their concepts. Then we make a quiz to see the knowledge acquired.

Our teacher introduced us to the world of programming, first we studied CMD, we studied about computer science and to see how computers used before they used CMD, for example, the teacher taught us how to make folders and documents. Then we started flowcharts first we draw them in the sketchbooks and then the teacher showed us a program to make the flow charts in the computer.

The first programming language we saw was C using the Code Blocks program and the Dev C compiler. In C we learned many things like printing, doing sums, subtractions, multiplications and divisions. This language especially requires working with conditions and we learned to bleed to improve the order of the code. After the introduction to C we started to study   
the vectors and cycles .These are very important when we programm in this language. The vectors are used to order elements in a row and these are one-dimensional. The cycles are used to repeat processes to a certain range, we learned three types of cycles that are: The Cycle are For, While and Do while

Also in C we study matrices which is a rectangular organization of the elements, in other words into tables. We also started to study functions and processes that are like subprograms and that must be called in the original program.

In Java Script we started to program and we dicovered that Java Script works under a browser like Google Chrome, Mozilla Firefox or Internet Explorer the compiler would be the browser and we met two very good text editors that are Sublime Text and Notepad ++, which Allow us to make our work easier we started programming basic things like the program show on the screen "Hello, and our name" the teacher explained that this language is used a lot for Web Design and also make animations.

Java Script only has functions and not processes so this programming language uses a lot of functions, Java Script breaks with all established paradigms since this language is not necessary to define a variable as in C but we learned that there are new commands like ¨ParseInt ¨ to declare mathematical operations JavaScript has many similarities with C co M when declaring the Cycles, Functions and Conditionals currently this language is very used and is combined with HTML5 and CSS.

The programming languages ​​are very extensive, the programming languages ​​can do a lot of things ; there is a sentence that says “If you can imagine you can create it” which is true this year we learned that computers are one of the things most Incredible and complex that the human has created programming languages ​​are a very important thing because thanks to them we can create different programs that are useful to program helps us to think and that is something very important in life one day Steve Jobs said Everyone should know how to program and that is very true.