Elena Corpus

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Term Paper Proposal

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Comparing Java and Python in Lower Level Computer Classes

Using Java and Python interchangeably within Lower Level Computer classes is important in able to learn different types of syntaxes, even though the languages are both able to complete most, if not all, of the same tasks. Java is more known for its longer programs, and the semicolon at the end of each of its lines. Python is much shorter and is able to be completed without semicolons and all data type declarations are dynamic, and known to be easier to learn without needing a programming background. These languages are great for first learners or even for those who already have a programming background because they are very similar.

Content Analysis Includes :

* Syntax Comparison
  + Java : Syntax is more important because of semicolons and defining datatypes and code blocks
  + Python : indentations are a must
* Easy to Learn
  + Java : good for a little bit of background knowledge of programming
  + Python : background knowledge not necessary
* Speed
  + Java : faster
  + Python : slower because of no declarations, etc.