CS 355

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HW #2

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1. The most common syntax error in LISP would have to be the incorrect number or placement of parenthesis.
2. This is because since there are so many good imperative algorithms, building efficient code started to require the use of imperative features. These imperative features were also added to increase execution efficiency.
3. Arguments for:
   * Flexibility; without really having to define a data type, one is free to develop code. Any variable could be used for any type of values.

Arguments against

* Data Insecurity, Poor Reliability; assigning character types could be defined incorrectly by a programmer. Also, it would be too easy for type errors to occur and even harder to detect them.

1. There should be restrictions in the revision in programming languages. When there is constant revision of programming languages, the language will always be complex making it hard to learn and adjust to.