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Chapter 2 Questions

Review Questions:

#4. Speedcoding was invented to convert the IBM 701 to a virtual three-address floating-point calculator. It also automatically incremented address registers.

#14. Linguists were interested in artificial intelligence because they were concerned with natural language processing.

#15. John McCarthy developed LISP at MIT.

#17. Scheme is used for introductory programming courses at some universities.

#26. BASIC targeted liberal arts students.

#35.

#37. Prolog consists of facts and rules statements.

#38. Ada was developed for the Department of Defense.

#42. The three concepts for object-oriented programming are data abstraction, inheritance, and dynamic binding.

#49. The first application for Java was Sun Microsystems.

#53. Perl was meant to replace sh and awk.

#54. Javascript is most widely used and embedded in web browsers.

Problem Set Questions:

#6. The most common syntax error in LISP programs is

#8. ALGOL 60 did not become popular because

#9.