

From Sebesta Chapter 2 review questions: Questions 2, 5, 6 through 11, 14, 15, 20 through 25, 36, 37, 46, 51, 52, 57, 59, and 60.

2: arrays and floating point

5: lack of floating-point hardware in the available computers

6: Came with indexing and floating-point instructions in hardware, heralded the end of the interpretive era, at least for scientific computation.

11: The logical loop statements and the if-else statements were the control flow added to FORTRAN IV

14:

15: John McCarthy of MIT at the IBM information research department

20: the design of its subprograms

25: Department of Defense

36: it is necessary only to describe the characteristics of the sorted list

37: facts and rules

46: for things like toaster and such

51: WebDesign

52: PHP would include JS

57: First, C# has a static semantics rule that disallows the implicit execution of more than one segment. The rule is that every selectable segment must end with an explicit unconditional branch statement: either a break, which transfers control out of the switch statement, or a goto, which can transfer control to one of the selectable segments (or virtually anywhere else)

59: XML document and an XSLT document

60: HTML or plain text