



Department: Computer Science  
Course Title: Concepts of Prog. Languages  
Course Code: CS211

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### LAB (1)

- 1) Why is it useful for a programmer to have the ability to learn new languages, even though he or she may have a good knowledge of a number of programming languages?

Solution: -

Increased capacity to express ideas, better understanding of the significance of implementing, better use of languages already known, overall advancement of computing.

- 2) Which programming language for scientific applications was the first to be used successfully?

Solution: -

Fortran

- 3) Which is the first successful high-level programming language for business?

Solution: -

COBOL

- 4) In which programming language were most of the AI applications developed prior to 1990?

Solution: -

LISP

- 5) Which is the most popular markup language for Web development?

Solution: -

HTML



- 6) Why is a list of programming language evaluation criteria for the development of software controversial?

**Solution: -**

Criteria is better precisely defined nor exactly measurable.

- 7) How does the overall simplicity of a programming language affect its readability?

**Solution: -**

Number of basic constructs/features, feature multiplicity, operator overloading.