High Level Language

Elementrix Classes

High Level Language

❏ High-level language is more English-like.

❏ Each high- level language has to be translated to low-level language .

❏ We Use compilers to translate high-level language into machine language.

❏ Compilers translate the whole program first, then execute the object program.

E.g., To add two numbers A and B simply we can use '+' operator

read two values in to A and B

Sum = A + B

❏ A programming language such as C, enables to write programs which is understandable to programmer(human) and can perform any sort of task. such languages are considered as High-level because they are close to human languages. In contrast, assembly languages are considered low- level because they are very close to machine languages.

❏ The first high-level programming languages were designed in the 1950s.

Examples : Ada , Algol, BASIC, COBOL, C, C++, JAVA, Python, FORTRAN, LISP, Pascal, Prolog.

❏ The high-level programming languages are broadly categorized in to two categories:

(i) Procedure oriented programming (POP)language.

(ii) Object oriented programming (OOP)language.

पढ़िए और पढ़ाइये

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