

Compiler :- Programming Language Translator

A compiler is a program that translates a high level language into machine code.



For Example

The Turbo Pascal Compiler translates a program written in Pascal into machine code that can be run on a PC.



Advantages of a Compiler :-

1. Fast in Execution
2. The object / Executable code produced by a compiler can be distributed or executed without having to have the compiler present
3. The object program can be used whenever required without the need of re-compilation.

Disadvantages of a Compiler

1. Debugging a program is much harder
2. When error is found, the whole program has to be re-compiled

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