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Question

List at least 5 differences between compiler and interpreter.

Answers

COMPILER	INTERPRETER
Compiler scans the entire program and translates the whole of it into machine code at once.	Interpreter translates just one statement of the program at a time into machine code.
A compiler always generates an intermediary object code.	An interpreter does not generate an intermediary code.
A compiler takes a lot of time to analyze the source code.	An interpreter takes very less time to analyze the source code.
Compiler are used by programming languages like C and C++	Interpreters are used by programming languages like Ruby and Python.
The compilation is done before execution.	Compilation and execution take place simultaneously,
Comparatively faster.	Slower.
Error is difficult to detect	Error is easier to detect

