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ASSIGNMENT NO : 01

COMPLIER	INTERPRETER
1.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.
2.A compiler takes a lot of time to analyze the source code. However, the overall time taken to execute the process is much faster.	An interpreter takes very less time to analyze the source code. However, the overall time to execute the process is much slower.
3.A compiler always generates an intermediary object code. It will need further linking. Hence more memory is needed.	An interpreter does not generate an intermediary code. Hence, an interpreter is highly efficient in terms of its memory.
4.Compilers are used by programming languages like C and C++ for example.	Interpreters are used by programming languages like Ruby and Python for example.