

interpreter

- * Interpreter translates just one statement of the program at a time into machine code.
- * A interpreter takes very less time to analyze the source code. However the overall time to execute the process is much slower.
- * A Interpreter does not generate an intermediary code. Hence an interpreter is highly efficient in terms of memory.

Compiler

- * Compiler scans the entire program and translates the whole of it into machine code at once.
- * A compiler takes a lot of time to analyze the source code. However the overall time taken to execute the process is much faster.
- * A compiler always generates an intermediary object code. It will need further linking. Hence more memory is needed.