COMPILER

* A compiler takes the entire program in one go .
* The compiler generates an intermediate machine code.
* The compiler is best suited for the production environment.
* The compiler is used by programming languages such as C, C++, C#, SCALA, JAVA, etc.

INTERPRETER

* An interpreter takes a single line of code at a time.
* The interpreter never produces any intermediate machine code.
* An interpreter is best suited for a software development environment.
* An interpreter is used by programming languages such as python, PHP, Perl, Ruby, etc.