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| **Interpreter** | **Compiler** |
| It translates the code instruction by instruction. | It translates the entire program at once. |
| Its execution is slower. | Its execution is faster. |
| Its compile time is less. | It takes more time to compile the code. |
| It does not generate the intermediate object code. | It generates the intermediate object code. |
| It compiles the program until an error is found. | All the errors show once at the end of the compilation. |
| Python, PHP, Ruby, and Perl use an interpreter. | Java, C++, Scala, and C uses a compiler. |