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| Compiler | Interpreter |
| It executes complete code at a time. | It executes code line by line. |
| Code execution is faster. | Code execution is slower. |
| Errors are shown to user after complete execution of code. | Errors shown to user immediately because execution take place line by line. |
| Code runs even if there are errors and shows all errors at end of execution. | Code stop its execution where error is detected by interpreter. |
| C, C++, C#, Java etc programming languages use compiler. | Python, Ruby, Perl etc programming languages use Interpreter. |