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| S.NO | COMPILER | INTERPRETER |
| 1 | Compiler scans the whole program in one go. | Translate program one statement at a time. |
| 2 | As it scans the code in one go, the errors (if any) are shown at the end together. | Considering it scan code one line at a time. Errors are shown line by line. |
| 3 | Main Advantage of complier is its execution time | Due to interpreter being slow in executing the object code it preferred less. |
| 4 | It converts the source code into object code. | It does not convert source code into object code, instead it scans it line by line. |
| 5 | It does not require source code for later execution. | It requires source code for later execution. |
| 6 | Example C, C++, C# | Python, MATLAB, Ruby Etc. |

Que :-1 Differentiate Between Compiler And Interpreter.

ANS:-