Q. Difference Between Compiler & Interpreter?

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| Sr. No. | Compiler | Interpreter |
| 1 | Compiler scans the whole program in one go. | It translates program one statement at a time. |
| 2 | As it scans the code in one go, the errors are shown in the end. | Here, errors will be shown line by line. |
| 3 | Main advantage of compiler is its execution time. | It takes more time to execute the code. |
| 4 | It converts the source code into object code. | It does not convert source code into object code. |
| 5 | It does not require source code for later execution. | It requires source code for later execution. |
| 6 | Eg.- C, C++, C#, etc | Eg.- python, matlab,etc |