|  |  |
| --- | --- |
| Compiler | Interpreter |
| Compiler scans the whole program in one go. | Translates program one statement at a time. |
| As it scans the code in one go, the errors are shown at the end together. | Considering it scans code one line at a time, errors are shown line by line. |
| Main advantage of compilers is its execution time. | Due to interpreters being slow in executing the object code, it is preferred less. |
| It converts the source code into object code. | It does not convert source code into object code instead it scans it line by line |
| It does not require source code for later execution. | It requires source code for later execution. |