

| COMPILER | INTERPRETER |
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| 1.Compiler takes entire program as input. | Interpreter takes single instruction as input. |
| 2.Intermediate object code is generated. | Intermediate object code is not generated. |
| 3.It is more efficient. | It is less efficient. |
| 4.Program need not compiled everytime. | Every time higher level language is converted to lower level. |
| 5.Debugging is slow. | Debugging is faster. |
| 6.Memory requirement is more. | Memory requirement is less. |
| 7.Example:C compiler | Example:basic |