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| **Interpreter** | **Complier** |
| 1.Interpreter converts a program into machine code one statement at one time. | 1. Compiler converts a program into machine code as a whole. |
| 2. Interpreter does not create object code file. | 2. Complier creates object code file. |
| 3. It consumes more time. | 3. It consumes less time. |
| 4. Every time higher level program is converted into lower level program. | 4. Program need not be complied every time. |
| 5. Interpreter takes single introduction as input. | 5. Complier takes entire program as input. |
| 6. It takes less amount of time to analyze the sources code but the over all | 6. It takes large amount of time |
| 7.Displays error for each line one by one . | 7. Display all errors after compilation, all at the same time. |