**ASSIGNMENT NO.01**

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| **Compiler** | **Interpreter** |
| 1. It scans the full code first then translate it into machine code. | 1. It scan line by line code then convert into machine code. |
| 2.Compiler show all error and warning at same time | 2. interpreter show one error at a time. |
| 3. Error occur after scanning the whole program. | 3. Error occur after scanning each line. |
| 4. Debugging is slow. | 4. Debugging is fast as compare to compiler. |
| 5. Execute time is less. | 5. Execute time is more. |
| 6. Complier is used by language such as C, C++, etc. | 6. An interpreter is used by language such as Java, Python, etc. |