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COURSE CODE: CSC312

COURSE TITLE: Compiler instruction 1

ASSIGNMENT

**Question**

List at least 5 differences between Compiler and Interpreter.

ANS:

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| COMPILER | INTERPRETER |
| It translates the full source code at a time. | It translates one line of code at a time. |
| It translates one line of code at a time. | Comparatively slower. |
| It uses more memory to perform. | The interpreter uses less memory than the compiler to perform. |
| Error detection is difficult for the compiler. | Error detection is easier for the interpreter. |
| It shows error alert after scanning the full program. | Whenever it finds any error it stops there. |