***DAY-1 ASSIGNMENT***

**Q: What is the difference between compiler and interpreter?**

**ANS:**

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| **Compiler** | **Interpreter** |
| 1. A Compiler takes the entire program in one go. 2. It generates an intermediate machine code. 3. It is best suited for production environment. 4. Used for C, C++, C#, Scala, Java etc. | 1. An interpreter takes a single line of code at a time.  2. It never produces any intermediate machine code.  3. It is best suited for a software development environment.  4. Used for Python, PHP, Ruby etc. |