Java Programming Zero to Hero
Assignment Day -1

1. Difference between Compiler and Interpreter.

SI.NO	COMPILER	INTERPRETER
1.	Compiler Takes Entire program as input.	Interpreter takes Single instruction as input.
2.	Intermediate Object code is Generated	No Intermediate object code is Generated
3.	Conditional control statements are executes faster	Conditional control statements are executed slower
4.	Memory Requirement: More (since Object code is generated)	Memory Requirement is Less
5.	Program need not be compiled every time	Every time higher level program is Converted into lower level program
6.	The compiler is best suited for the production Environment.	An interpreter is best suitable for a software development environment.
7.	The compiler is used by programming languages such as C, C++, C#, Scala, Java, etc.	An Interpreter is used by programming languages such as Python, PHP, Perl, Ruby, etc.