Assignment

Day 1

Difference between Compiler and Interpreter

S.NO	Compiler	Interpreter
1	Compiler scans the whole Program in one go.	Translates Program one Statement at a time.
2	As it scans code in one go, errors are shown at end together.	considering it scans code one line, errors are shown line by line.
3	Main Advantage is it's execution time.	Due to interpreters being slow in executing Object code, it is Preferred less.
4	It converts Source code into Object code	It does not convert Source code into Object code instead it scans it line by line
5	It does not require source code for later execution.	It requires source code for later execution.
Eg:	C, C++, Java, C# etc	Python, MATLAB, Perl etc ---