ASSIGNMENT 1

*1 What is a Compiler?*

*Answer: A system software that convert source language program into target language program.*

*Compiler scan the whole program and translate it into machine code.*

*Compiler take lot of time to analyze the source code but execution is faster.*

*Example : C, C++.*

*2. What is an interpreter?*

*Answer: A interpreter directly executes the instructions written in program without converting it into machine understandable language .*

*Interpreter translate one statement of a program at a time into*

*machine code.*

*Compiler does not take long time to analyze the source code but execution is slower.*

*Example: Python, Perl , Mathlab*

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