

CM1604 Computer Systems Fundamentals

Tutorial

01. Explain the following terms briefly.
 - machine language
 - Assembly language
 - low-level language
 - high-level language
02. List down the advantages of high-level language?
03. Give a few examples for high-level language?
04. What is a compiler? explain in your own words.
05. Explain the terms analysis and synthesis in the context of a compiler.
06. List down the different phases of a compiler and briefly explain each.
07. Compare and contrast compiler and interpreter.
08. Write a single sentence description for each of the following.
 - Decompiler
 - Language Translator
 - Cross compiler
 - Pre-processor
 - Assembler
 - Linker
 - Loader