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What is a computer, what are the main components of computer hardware?

A computer a something that stores and processes data. The main components are the Central Processing Unit, Memory, Storage devices, Input Devices, Output devices and communication devices, which are all connected by what is called a bus.

Explain the compilation process

A java source code file is compiled by a compiler which creates a bytecode file which then can be executed by a java virtual machine on any computer.

What is Java Virtual Machine?

It is a program that interprets Java byte code and executes it on any computer.

Define the following terms in no more than two sentences

High-Level Language: English like and easy to learn programming language.

Machine Language: set of instructions built into a computer, Binary.

Software Development: The development of a software product.

Programming: the process of writing a computer program

Algorithm: The procedure for solving a problem.

Compiler: Something that translates the entire source code into machine language to make it executable.

Java Virtual Machine: It is a program that interprets Java byte code and executes it on any computer.