

* Difference between Organization and Architecture.

	Computer Architecture	Computer Organization
<u>1.</u>	Computer Architecture is a blueprint for design and implementation of a Computer System.	Computer Organization refers to the way in which the hardware components of a computer system are arranged and interconnected.
<u>2.</u>	It explains what a computer should do.	Computer Organization explains how a computer works.
<u>3.</u>	It acts as the interface between hardware and software.	It deals with the components of a connection in a system.
<u>4.</u>	While designing a computer system architecture is considered first.	An organization is done on the basis of architecture.
<u>5.</u>	It deals with the functional behaviour of a computer systems.	Computer Organization deals with the structural relationship and internal working of system.

Computer Architecture

Computer Organization

6	It deals with high-level design issues.	It deals with low level design issues.
7	Architecture indicates its hardware	Organization indicates its performance.
8	It is also called instruction Set Architecture (ISA).	Computer Organization is frequently called microarchitecture
9	It makes the computer's hardware visible.	It offers details on how well the computer performs.
10	Architecture coordinates the hardware and software of the system.	Computer Organization handles the segments of the network in a system.
11	Computer Architecture comprises logical functions such as instruction sets, registers, data types and addressing modes.	Computer Organization consists of physical units such as circuit designs, peripherals and addresses.
12	What to do?	How to do?