

GSA

INFORMATION TECHNOLOGY

CSS-2024

DIFFERENTIATE BETWEEN HARDWARE AND SOFTWARE. GIVE FIVE EXAMPLES OF EACH.

HARDWARE

SOFTWARE

DEFINITION

The tangible or physical parts of computer are called Hardware.

The intangible parts of computer that can be touched are called Software.

CATEGORIES

Hardware has four categories: Internal devices, Storage devices, Output devices and Input devices.

Software has two categories: Application Software and System software.

DEVELOPMENT

Hardware are developed by electronics and other materials.

Software are developed by using programming language.

DURABILITY

It does wear out physically over time.

It does not wear out ^{over} by time physically, but, bugs and glitches can occur.

FAILURE

Failure of hardware is caused by physical damage or electrical failure.

Failure of software is caused by the bugs, software corruption, compatibility issues.

FUNCTIONALITY

Hardware provides the physical means to perform computing task.

Software provides the instructions and controls for hardware to execute tasks.

EXAMPLES

Examples of hardware includes, Scanner, Printer, Monitor, ROM, USB, etc.

Examples of software includes, Microsoft Excel, Internet Explorer, Power Point, MS Office, etc.