Internet: 15 Questions

Basic 'Net' skills

What is a computer?

- **A computer is a** machine that can be programmed to carry out sequences of arithmetic or logical operations automatically. (Wikipedia)

What is a computer program?

○ **A computer program is a** collection of instructions that can be executed by a **computer** to perform a specific task..
A **computer program is** usually written by a **computer** programmer in a programming language.

What are programming languages?

○ A **programming language** is a formal **language** comprising a set of strings (text or symbols) that produce various kinds of machine code output.

What is computer memory?

○ **Computer memory is** any physical device capable of storing information temporarily, like RAM (random access **memory**), or permanently, like ROM (read-only **memory**).

What are hard drives?

- A **hard** disk **drive** (HDD), **hard** disk or fixed disk is an electro-mechanical data storage device that stores and retrieves digital data using magnetic storage and one or more rigid rapidly rotating platters coated with magnetic material.

What is the internet?

○ **The internet is** a globally connected network system facilitating worldwide communication and access to data resources through a vast collection of private, public, business, academic and government networks.

What is the intranet?

- An **intranet is** a computer network for sharing information, collaboration tools, operational systems, and other computing services within an organization.

What is the 'web'?

○ **The** World Wide **Web is** a system for displaying text, graphics, and audio retrieved over the Internet on a computer monitor. (https://www.britannica.com/topic/World-Wide-Web)

What is a web page?

- **A web page** (or **webpage**) **is a** hypertext document provided by a website and displayed to a user in a **web** browser.

What is a 'browser'?

○ **A** web **browser**, often referred to simply as a **browser, is** application software for accessing the World Wide Web.

What is a web server?

- **A web server is** computer software and underlying hardware that accepts requests via HTTP, the network protocol created to distribute **web** pages, or its secure variant HTTPS.

What is a computer network?

- **A computer network is a** group of **computers** that use a set of common communication protocols over digital interconnections for the purpose of sharing resources.

What is wi-fi?

○ **Wi-Fi** is a family of wireless network protocols, based on the IEEE 802.11 family of standards, which are commonly used for local area networking of devices and Internet access, allowing nearby digital devices to exchange data by radio waves.

What is an ip address?

- **An** Internet Protocol **address (IP address) is** a numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication.

What is data?

- **Data is** defined as facts or figures, or information that's stored in or used by a computer. An example of **data is** information collected for a research paper. An example of **data is** an email.

(https://www.yourdictionary.com/data)

What is a database?

○ **A database is** an organized collection of data, generally stored and accessed electronically from a computer system.

How old is the internet?

- **The Internet** was activated in 1969 out of NASA and Stanford's ARPAnet mainframe computers , making it 52 years **old** in 2021.