**Homework 1**

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1. Define the following;

a. Operating System

Operating System (OS) is the main software or program that runs on a system. It is the first program that loads after a system is powered on. Some examples of Operating Systems are Windows Operating System, Internet Operating Systems, Android, Solaris, etc.

b. Computer Software

Computer Software is the intangible or visual components of a system. An example of computer software is Application software such as Operating System.

c. Computer Hardware

Computer Hardware is the tangible or physical components of a system. Some examples include a keyboard, mouse, and monitor.

e. LAN

LAN means Local Area Network. It is a network located in a small geographical area.

f. Network

A network is a group of systems connected together, sharing information or data.

g. URL

URL means Uniform Resource Locator. It is used to locate a resource on the world wide web. It is a link to a website, web server, or web resource.

h. WiFi

WiFi means Wireless Fidelity. It is a wireless technology that allows systems, smartphones, or other devices to connect to the internet or communicate with each other wirelessly within a particular area. It is the radio signal sent from a wireless router to nearby devices.

i. Authentication information

Authentication information is the user’s identity; username and password. Authentication is a**process that enables a user to access systems and confirms login credentials. If a person is trying to log in to a web server, he will be asked to provide a username and a password. The username and password here are referred to as authentication information or login credentials.**

j. OS

Operating System is the main software or program that runs on a system. It is the first program that loads after a system is powered on.

k. Data

Data is information stored in a file. It can be stored in the form of text, picture (jpeg), video (mp3), and audio.

l. IT

IT means Information Technology. It is the use of technology to create and manage data.

2. What is the difference between computer memory and storage?

Computer memory is the component of a computer that allows the user to store short-term data while**storage is the component of a computer that allows the user to store and access data on a long-term basis.**

3. Display the specs of your system.

The specs of a system consist of the following; Memory, storage, CPU type, and OS type.

My systems specs are as follows;

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