SHELL Vs Kernel

SHELL:

→ Interface between the kernel and the user

→ Has types such as C shell, Korn shell

→ Shell provides command prompt to user to execute commands. It read command enter by user on prompt

→ The line that is typed to the shell is known as command line

→ Used to access the services provided by the operating system

KERNEL:

→Core interface between a computer's hardware and its processes

→It communicates between the two managing resources as efficiently as possible

→Central component of OS

→All of kernel memory and user process memory is stored in physical memory in the computer

DISTRIBUTIONS:

1. Ubuntu:

➢ Apart from being free and open source, its highly customizable and has a software center full of apps

➢ Supports all the normal software on windows such as Firefox,chrome..etc

➢ It gives built in email software which gives the user access to email

2. Linux mint:

- ➢ User interface- workflow is faster and easy to use
- ➢ Faster and lighter
- ➢ Lesser memory usage
- ➢ Linux mint is to provide a desktop OS that home users and companies use at no cost and which is as efficient and elegant

3.Red Hat

- ➢ Supports and powers s/w and technologies for cloud, application development and more
- ➢ Provides access to documentation ,system admin, release notes and more

4. Debian

- ➢ Stable and dependable
- ➢ Can use each version for a long time
- ➢ Has great s/w support
- ➢ Strong internet connection is not required