

Q. Case study of Linux.

- Ans: *
- Torvalds is the father of Linux. Free software foundation was established by Richard Stallman.
 - * GNU supplies and written multiple important Linux tools freely.
 - * GNU General Public License is distributed under the Linux. It makes mandatory for developers and sellers to create the source code Publically.
 - * Linux is strong enough in internet features as well as networking.
 - * It is cost-effective solution in setting up an internet server or a local internet.
 - * Linux is carried out at multiple locations across the world at the demand of the free software foundation.
 - * The most popular Linux flavours include Red Hat, Suse, Debian and Mandrake, Caldera.
 - * Many software can be downloaded free from the internet.
 - * All the maximum dealers of computer have committed to support Linux and multiple software posted to this platform.

- * Many computer users run a modified version of the system every day without knowing it.
- * The version of linux which is mostly used today is called 'linux' and many user doesn't know that it is basically the GNU system that was developed by GNU Project.
- * Linux is normally used in combination with the GNU operating.
- * Linux is promoted by the free software foundation and the Richard stallman is the founder of this.
- * Many free software project have the aim of developing a particular program for a particular job.
- * For example :- Linus Torvalds set out to write a Unix-like kernel called as linux.
- * Linux is an operating system i.e, it is series of program that is used for interaction between user and computer system and run the other programs.
- * An operating system consists of many programs, using that programs computer is communicate and receive instructions from users.

- * Read and write data to hard disks, tapes and printers, run other software, control the use of memory.
- * Kernel is the most important part of the operating system.
- * In a GNU / Linux system, Linux is the kernel component.
- * Linux users have freedom of choice in their software. For example Linux user choose multiple graphical desktops and it choose from a dozen different command line shells.
- * Linux is able to run multiple programs at the same time and it is more secure than other operating system.
- # Every Linux kernel can offer the following features :-
 - ① Multiuser,
 - ② Multitasking,
 - ③ Graphical user interface (X window system),
 - ④ Hardware support.
 - ⑤ Networking connectivity
 - ⑥ Network services.
- # The following are some of the popular Linux distributions:-

- ① Red Hat
- ② Ubuntu
- ③ Mandriva
- ④ Fedora.