**LINUX**

Linux is the best-known and most-used open source operating system. As an operating system, Linux is software that sits underneath all of the other software on a computer.

1. Linux was created in 1991 by **Linus Torvalds**, a student at the University of Helsinki. Torvalds built Linux as a free and open source alternative to Minix, another UNIX clone that was predominantly used in academic settings. He originally intended to name it “Freax,” but **Stallman** named it as **LINUX.**
2. **Linux** developed in 1991.
3. It is an Open Source Operating System.
4. The community version offers online support for free
5. Can run in:-desktop, laptop, server, mobile, main frame and in super computers.
6. According to a survey over 35% of internet server, 95% of mail server, 80% of web server and 99% of super computer are using Linux only.
7. It is a free and multi distribution OS
8. Most secure types of operating systems are LINUX like operating systems only.
9. Minimum infection from viruses and other threats.
10. First choice of Ethical Hackers and Security Engineers.
11. Very strong command line interface
12. Also available as GUI based systems
13. Required minimum hardware resources as compare to other operating systems.
14. Least no. of OS crashes.
15. It is a multiuser and multiprocessing support OS.
16. Linux is equipped with IPtables and SELinux as an integral part of security.