**What is linux for Beginners? Understand Linux Distributions & Kernel [HINDI]**

* Linux is an open-source operating system based on unix
* It is know for its security and flexibility
* Linux was created by linux Torvalds in 1991
* The name linux comes from linus and unix
* Unix is a powerful, multiuser, multitasking os originally developed in the 1970 at AT&T’s Bell Labs which serves as a foundation for many operating systems
* Difference bw linux and unix – linux is open sources whereas unix is licensed
* Linux is inspired by unix and is designed to be unix like. It follows many of the same principles and standards, making it compatible with unix software and commands
* Linux is not an os. It is an open source kernel
* A kernel is the corfe part of an os, managing system resources and communication between hardware and software
* Linux distributions(distros) – An OS made from a software collection, which includes the linux kernel and often a package management system.
* Egs of distros are Debian, ubuntu, fedora, centOs, kali linux, RHEL
* Keyfeatures of linux –

1. Open source – source code is freely available and can be modified
2. Multiuser – multiple users can access system resources simultaneously
3. Multitasking – can run multiple tasks simultaneously
4. Security – strong security features and regular updates
5. Portability – can run on various hardware platforms