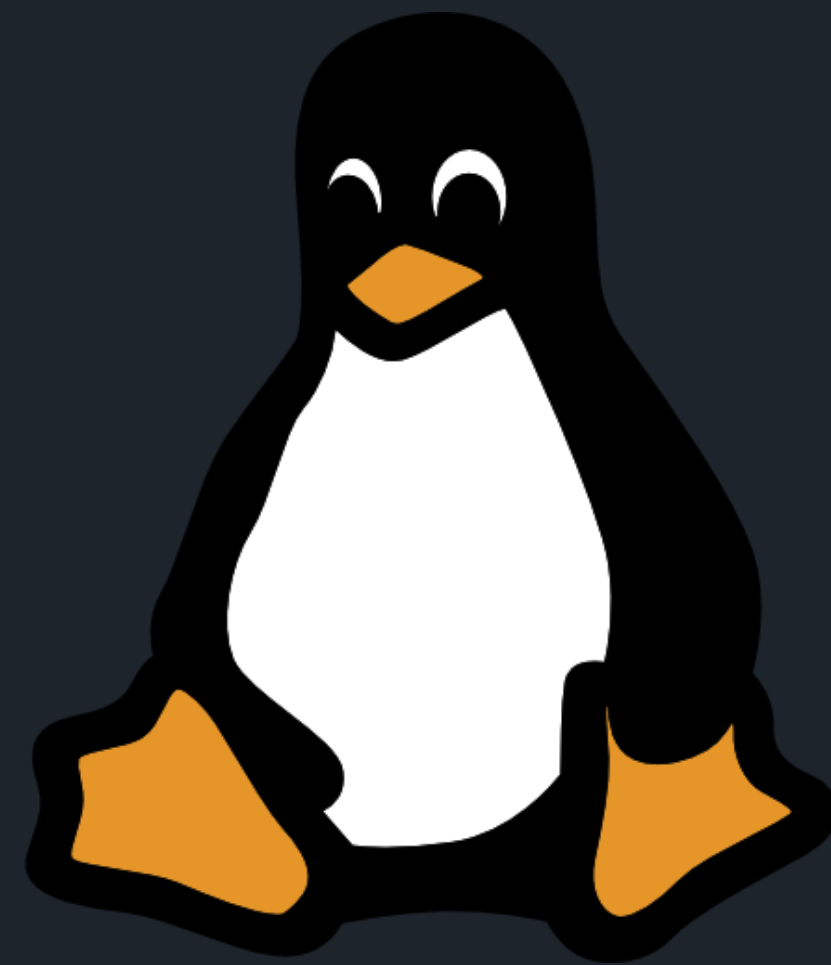


LINUX

OPERATING SYSTEM

PRANAYA POUDEL



TODAY'S AGENDA

- INTRODUCTION TO LINUX
- ARCHITECTURE OF LINUX
- FEATURES OF LINUX
- DISTRIBUTION OF LINUX
- ADVANTAGES OF LINUX
- DISADVANTAGES OF LINUX

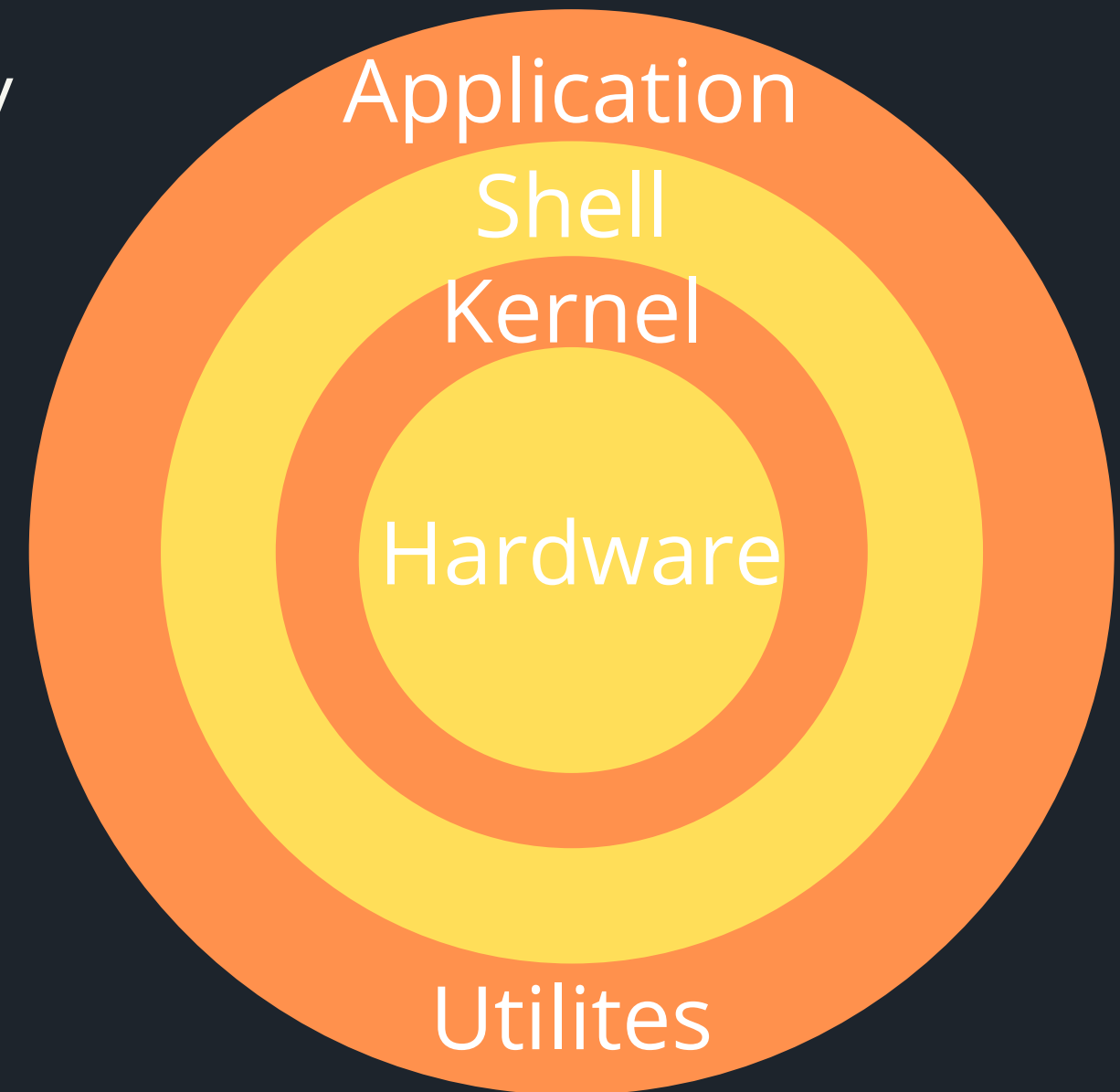


INTRODUCTION TO LINUX

- Open-source UNIX like operating system based on Linux Kernel
- Developed under GNU Public License.
- Released by Linus Torvalds on September 17, 1991.
- Can be installed on widely range of hardware from embedded device to Supercomputers.
- Leading Server Operating System.

ARCHITECTRE OF LINUX

- Kernel
 - Core component that interacts directly with hardware and provides low level services to upper layer components.
- Shell
 - An interface to kernel that hides complexity of kernel's functions.
- Application/Utilities



FEATURES OF LINUX

- Portable
- Open source
- Multi-User
- Multiprogramming
- Hierarchical File System
- Security



DISTRIBUTION OF LINUX



ADVANTAGES OF LINUX

- Highly Secure
- Free and Open Source
- High Performance
- Proper Use of System Resources
- Absolute Freedom over your system



DISADVANTAGES OF LINUX

- No standard edition
- Hard Learning Curve
- Poor support for games
- No unified installer/package manager
- Unsupported Hardware





DO YOU HAVE QUESTIONS SO FAR?