

Week Report 1

Summary of Presentation: Introduction to Linux

Linux is a operating system that is the most widely used operating system in the world. Linux is open source and consists of a kernel, libraries and utilities. Linux is also available free of charge to anyone that wants to download or use it. A Kernel is used to manage low-level features of a computer such as memory allocation, and program to program interaction.

System Requirements for Linux

Physical installation as the main operating system. Your PC needs to meet this requirements for a smooth experience	Virtual Machine installation as a guest operating system. Your host needs to meet this requirements for a smooth experience
<ul style="list-style-type: none"> • 2 GHz dual core processor or better • 4 GB system memory • 25 GB of free hard drive space • Internet access is helpful Either a DVD drive or a USB port for the installer media 	<ul style="list-style-type: none"> • 2 GHz quad core processor or better • 8 GB system memory • 50 GB of free hard drive space • Internet access for installation media

Final Project Research Questions and answers

###What is Linux? Linux is a Unix-like Operating System that consists of a kernel, libraries, and utilities. Linux is available in many distributions.

###What is a Linux distribution? A complete Linux system is called a Linux Distribution. A Linux distribution is made up of a Linux Kernel, Core Unix tools, supplemental software, startup scripts, and an installer. They are also mostly free and open source software.

###What is Ubuntu? Ubuntu is a Linux distribution that is freely available with both community and professional support. They live by the core values that their software should be free and be able to be used by anyone no matter what language they speak or disabilities they have.

###What are the system requirements for installing Ubuntu 20.04

System Requirements for Ubuntu 20.04

- 2 GHz dual-core processor
- 4 GiB RAM (but 1 GiB can work)
- 25 GB of hard-drive space
- VGA capable of 1024×768 screen resolution
- Either of the two: a CD/DVD drive or a USB port for the installer media
- Optionally, Internet access is helpful